INORGANIC DATA VALIDATION REPORT

To: EPA Region 9

Validated by: Diane Quigley, Weston Solutions, Inc.

Report Date: August 13, 2015

Project/Site: Gold King Mine Emergency Response

Laboratory No: 680-115487-1 & 680-115487-2

This memo presents the inorganic data validation report for the data obtained during the field activities for the above referenced work assignment. The purpose of this review is to provide a Stage 2A validation of the following samples collected on August 12, 2015 and analyzed by TestAmerica Laboratories, Inc. located in Savannah, GA:

Field Sample Numbers	Laboratory ID	Analyses/Methods
SJMC-081015-12	680-115487-1	TAL Metals plus Molybdenum by EPA
SJME-081015-11	680-115487-2	200.7 and 200.8
SJMC-081015-11	680-115487-3	Mercury by EPA 245.1
SJ4C-081015-11	680-115487-4	Hardness (calculation) by SM2340B
SJSR-081015-11	680-115487-5	TSS by SM2540D
SJFP-081015-11	680-115487-6	TDS by SM2540C
SJBB-081015-11	680-115487-7	Alkalinity by SM2320B
SJMH-081015-11	680-115487-8	pH by SM4500H+B
MECT-081015-11	680-115487-9	
SJLP-081015-11	680-115487-10	
SJDS-081015-11	680-115487-11	
SJHB-081015-11	680-115487-12	
SJHB-081015-12	680-115487-13	
SJ4C-081115-11	680-115487-14	
SJ4C-081115-12	680-115487-15	
SJSR-081115-11	680-115487-16	
SJMH-081115-11	680-115487-17	
SJBB-081115-11	680-115487-18	
SJMC-081115-11	680-115487-19	
SJME-081115-11	680-115487-20	
SJME-081115-12	680-115487-21	
MECT-081115-11	680-115487-22	
SJFP-081115-11	680-115487-23	
SJHB-081115-11	680-115487-24	
SJDS-081115-11	680-115487-25	
SJLP-081115-11	680-115487-26	

Mo = Molybdenum

SM = Standard Methods for the Evaluation of Water & Wastewater

TAL = Target Analyte List

TDS = Total Dissolved Solids

TSS = Total Suspended Solids

Data validation was conducted in accordance with the EPA National Functional Guidelines for Inorganic Superfund Analyses, August 2014 (NFG); Test Methods for Evaluating Solid Wastes, SW-846, 3rd Edition and Updates; and appropriate EPA methods.

Stage 2A validation was performed on the sample results. The data were evaluated based on the following parameters:

- * Data Completeness
 Holding Times, Sample Preservation and Receipt
 Laboratory Blanks
- NA Field Blanks
 Matrix Spike/Matrix Spike Duplicates
- * Laboratory Duplicate Samples
- * Laboratory Control Samples (Blank Spikes)
 Total vs. Dissolved Metals Results Evaluation
 Field Duplicates
 Sample Dilutions and Detection Limits
- All criteria were met for this parameterNANot applicable

Data Completeness

The Level 2 data package was complete and included a case narrative, sample results, batch quality control (QC) results, QC association summary, chain-of-custody forms, and a sample receipt condition form. Raw data is not required for a Level 2 data package.

Holding Times, Sample Preservation and Receipt

Surface water samples were analyzed for pH two days after sampling. Results for pH were flagged by the lab with an "HF" which indicates the samples were analyzed out of the 15 minute field holding time. The pH results for water samples were estimated (qualified "J") since they were analyzed past the recommended holding time. All other holding times were met.

The samples were received within the recommended ≤6 degrees Celsius NFG QC limit. No shipping or receiving problems were noted.

Laboratory Blanks

The method blanks (MB) were analyzed at the required frequency. No contaminants were found in these blanks with the following exception:

The ICP-AES total metals MB680-395701/1-A (associated samples -115487-1 through -13) was contaminated with total and dissolved copper (.610 micrograms per liter [µg/l]) and total and dissolved selenium (1.49/1.49 µg/l) at a concentration \geq method detection limit (MDL) and \leq the reporting limit (RL). Positive total copper results in all associated samples were not qualified due to associated sample concentrations greater than 10 times the blank level. The laboratory flagged results with a "B" and the validator removed the B. The positive dissolved copper results were qualified with a "J+" in samples 115487-1 through -13 and positive total selenium results in samples 115487-1 through -9 and -11 through -13 due to potential high bias. The positive total selenium result in sample -10 was qualified as undetected (U) at the RL. The dissolved selenium results were qualified as undetected (U) at the RL in samples 115487-1 through -13 since reported results were below the RL.

Field Blanks

No field blanks were submitted with these samples.

Matrix Spike/Matrix Spike Duplicates

Matrix spike/matrix spike duplicate (MS/MSD) analyses were performed on sample SJDS-081115-11for dissolved metals. Calcium and sodium were outside QC limits but

flagged with a "4". Batch 395731 MS/MSD was performed on SJFP-081115-11 (associated samples 115487-14 through -21, -23 through -26) and total barium was outside QC limits but flagged with a "4". Total and Dissolved MS/MSD for Batch 395701 (associated samples 115487-1 through -13) were performed on sample SJMC-081015-12 and total and dissolved barium and manganese were flagged with a "4". No qualifications were made for any of the analytes failing recoveries and relative percent differences (RPD) if parent sample concentrations were greater than 4 times the spiked amount and were flagged with a "4" by the laboratory.

Spike recoveries met the 75-125 percent recovery (%R) metals criteria and the 20 RPD criteria from the NFG except for the following:

- Total and dissolved antimony (17/16%) and total and dissolved molybdenum (54/54%) recovered below QC limits in sample SJMC-081015-12. The positive results for antimony and molybdenum were estimated (J-) in samples115487-1 through -13 due to potential low bias and the quantitation limits for non-detected results were flagged estimated (UJ).
- Total and dissolved antimony (10/10%) and total and dissolved molybdenum (45/45%) recovered below QC limits in sample SJME-081015-11. The positive results for antimony and molybdenum were qualified as estimated (J-) in samples115487-1 through -13 due to potential low bias and the quantitation limits for non-detected results were qualified as estimated (UJ).

No MS/MSDs were performed for Hardness, pH, Total Alkalinity, TDS or TSS analyses.

Laboratory Duplicate Samples

Total and dissolved metals and mercury analyses laboratory duplicate was performed on samples SJMC-081015-12, SJME-081015-11, SJME-081115-12, SJFP-081115-11 and MECT-081115-11. The laboratory duplicate for total alkalinity was performed on SJBB-081015-11 and SJBB-081115-11 and the TSS duplicate on samples SJ4C-081015-11 and SJ4C-081115-11. The TDS duplicates were performed on samples SJME-081015-11, SJHB-081015-11, and MECT-081115-11.

Duplicate precision criteria were met for laboratory duplicate sample results greater than five times the RL. RPDs were less than 20% for aqueous samples. For sample results less than five times the RL, the absolute difference between the laboratory duplicate and the original sample was less than two times the RL.

Laboratory Control Samples (Blank Spikes)

At least one laboratory control sample (LCS) analysis was analyzed per QC batch and, for some analyses, a duplicate LCS (LCSD) was also analyzed. All LCS analyte recoveries were within 70-130%R NFG control limit for metals and mercury and within

the 20% RPD NFG control limit for metals and mercury. Recoveries were within the lab control limits for wet chemistry parameters.

Total vs. Dissolved Metals Results Evaluation

Total metals results were greater than the dissolved metals results and/or within the 10 percent difference (%D) QC limits for all metals analytes except for the following:

Sample ID	Analyte	Total Conc.	Dissolved Conc.	%D	Qualifier
SJMC-081015-12	Mo	1.6µg/L	2.2 μg/L	37%	J
SJ4C-081115-12	Mo	0.96 J μg/L	1.9 μg/L	98%	J
SJSR-081115-11	Mo	.63 J μg/L	1.6 μg/L	153%	J
SJMH-081115-11	Mo	1.0µg/L	2.0 μg/L	100%	J
SJME-081015-11	Mo	1.6µg/L	2.1 μg/L	31%	J
MECT-081115-11	Mo	0.68 J µg/L	1.7 μg/L	150%	J
SJHB-081115-11	Mo	2μg/L	2.6 μg/L	30%	J
SJDS-081115-11	Mo	1.2 μg/L	2.0 μg/L	67%	J
SJLP-081115-11	Mo	1.4 μg/L	2.0 μg/L	43%	J
SJME-081115-12	As	0.99 μg/L	3.1 μg/L		J
	Ba	81	270		
	Be	.15	0.61		
	Cr	1.0U	6.1		
	Co	0.29 J	4.7		
	Cu	1.6	12		
	Fe	17U	8700		
	Pb	0.06U	17		
	Mg	8200	10000		
	Mn	3.4	320		
	Ni	1.1	6.6		
	V	0.878	16		
	Zn	2.8U	42		

Sample results were qualified as indicated above.

Field Duplicates

Samples SJMC-081015-11/-12, SJHB-081015-11/-12 and SJME-081115-11/-12 are field duplicate pairs and calculated RPDs were less than the 30% criteria for waters with the following exceptions:

Total Manganese was estimated in samples SJHB-081015-11 and -12:

Positive and non-detected results for TSS; total and dissolved aluminum, iron, potassium; total barium, copper, lead, manganese, nickel, zinc; dissolved arsenic, barium, chromium, cobalt, copper, lead, nickel, and vanadium were estimated in samples SJME-081115-11 and -12; direction of bias uncertain.

Positive and non-detected results for Total selenium; dissolved copper, lead, manganese, vanadium, zinc, aluminum, and iron were estimated (J/UJ) in samples SJMC-081015-11 and -12.

Sample Dilution and Detection Limits

The laboratory correctly "J" flagged results less than the reporting limits. The data validator retained the J qualifier unless the analyte was qualified as non-detected for blank contamination.

Total metals samples SJMH-081015-11 and SJHB-081115-11 required a 10 fold dilution for potassium.

Total Barium was qualified with an "E" by the lab in samples 680-115487-8 and -24 indicating concentration was above the calibration range of the instrument and should be considered an estimated value. The validator replaced the "E" with a J; direction of bias is uncertain.

Raw data were not provided or evaluated for this Level 2 package to verify results and analytical dilution.

DATA QUALIFIER DEFINITIONS

For the purpose of Data Validation, the following code letters and associated definitions are provided for use by the data validator to summarize the data quality.

- R Reported value is "rejected." Resampling or reanalysis may be necessary to verify the presence or absence of the compound.
- J The associated numerical value is an estimated quantity because the Quality Control criteria were not met.
- J+ The associated numerical value is estimated with a high bias because the Quality Control criteria were not met.
- J- The associated numerical value is estimated with a low bias because the Quality Control criteria were not met.
- UJ The reported quantitation limit is estimated because Quality Control criteria were not met. Element or compound was not detected.
- U The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
- NR Result was not used from a particular sample analysis. This typically occurs when more than one result for an element is reported due to dilutions and reanalyses.

ATTACHMENT RESULTS SUMMARY SHEETS WITH QUALIFIERS

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-1

Client Sample ID: SJMC-081015-12 Date Collected: 08/10/15 13:40 Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metal: ^{Analyte}		Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	59000		200	24	ug/L		08/12/15 12:57		
Calcium	100000		500	25				08/12/15 19:45	
ron	51000		50		ug/L			08/12/15 19:45	
Vlagnesium	23000		500		ug/L			08/12/15 19:45	
Potassium	12000		1000		ug/L			08/12/15 19:45	
Sodium	34000		1000		ug/L			08/12/15 19:45	
Sathadi 000 7 Day 4.4 Stately	- (ICD) Dia	المحادد ما							
Wethod: 200.7 Rev 4.4 - Metal: Analyte		Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum, Dissolved	2300	-T	200	24	ug/L		08/12/15 12:57		Dirio
Calcium, Dissolved	58000	J	500	25	ug/L			08/12/15 21:20	
		-	50		ug/L			08/12/15 21:20	
ron, Dissolved	1800	J	1000		ug/L ug/L			08/12/15 21:20	
otassium, Dissolved	3500 8400		500		ug/L ug/L			08/12/15 21:20	
Magnesium, Dissolved	8400				-				
odium, Dissolved	33000		1000	480	ug/L		U0/12/15 12:5/	08/12/15 21:20	
Nethod: 200.8 - Metals (ICP/M		O	rs:	# 25.	1114	gra.	Dun1	A t t	D.: -
nalyte		Qualifier	RL 40	MDL		D	Prepared	Analyzed	Dil F
ntimony	0.40	UPT CV	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 18:41	
rsenic	13		1.0	0.37	-		08/12/15 12:57		
arium	700		2.0		ug/L			08/12/15 18:41	
eryllium	3.6		0.40		ug/L			08/12/15 18:41	
admium	0.34		0.10	0.043	-			08/12/15 18:41	
hromium	33		2.0		ug/L			08/12/15 18:41	
obalt	24	,	0.40		ug/L			08/12/15 18:41	
opper	64	F	1.0	0.50			08/12/15 12:57	08/12/15 18:41	
ead	77	•	0.30	0.060	-		08/12/15 12:57	08/12/15 18:41	
langanese	1200		2.5		ug/L		08/12/15 12:57	08/12/15 18:41	
ickel	33	- 1-	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 18:41	
elenium	3.3	BJT	2.0	C.58	ug/L		08/12/15 12:57	08/12/15 18:41	
ilver	0.52	J	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 18:41	
hallium	0.64		0.20	0.10	ug/L		08/12/15 12:57	08/12/15 18:41	
'anadium	80		1.0	0.30	ug/L		08/12/15 12:57	08/12/15 18:41	
linc	180		20	2.8	ug/L		08/12/15 12:57	08/12/15 18:41	
lolybdenum	1.6	ex J-	1.0	0.45			08/12/15 12:57	08/12/15 18:41	
Method: 200.8 - Metals (ICP/M	S) - Dissolv	ed							
nalyte	Result	Qualifier _	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
ntimony, Dissolved	0.40	Jag -	1.0	0.40	ug/L	****	08/12/15 12:57	08/12/15 18:05	***************************************
rsenic, Dissolved	1.2		1.0		ug/L		08/12/15 12:57	08/12/15 18:05	
arium, Dissolved	94		2.0	0.14	ug/L		08/12/15 12:57	08/12/15 18:05	
eryllium, Dissolved	0.15	U	0.40		ug/L		08/12/15 12:57	08/12/15 18:05	
admium, Dissolved	0.043	U	0.10	0.043			08/12/15 12:57	08/12/15 18:05	
hromium, Dissolved	2.0		2.0		ug/L			08/12/15 18:05	
obalt, Dissolved	0.92	•	0.40	0.12	-			08/12/15 18:05	
opper, Dissolved	4.8	BTT	1.0	0.50	-			08/12/15 18:05	
ead, Dissolved	2.8	r J	0.30	0.060				08/12/15 18:05	
langanese, Dissolved	36		2.5		ug/L			08/12/15 18:05	
lolybdenum, Dissolved	2.2	7-	1.0	0.45	-			08/12/15 18:05	
liekel Dieseked	~·*	9	1.0	0.40	•			00/12/16 10:06	

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08/12/15 12:57 08/12/15 18:05

1.0

0.40 ug/L

2.4

Nickel, Dissolved

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-1

Matrix: Water

Client Sample ID: SJMC-081015-12 Date Collected: 08/10/15 13:40

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS)	- Dissolv	ed (Continued)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	1.3	TB 910A	2.0	0.58	ug/L	*****	08/12/15 12:57	08/12/15 18:05	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 18:05	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 12:57	08/12/15 18:05	1
Vanadium, Dissolved	6.0		1.0	0.30	ug/L		08/12/15 12:57	08/12/15 18:05	1
Zinc, Dissolved	8.1	J	20	2.8	ug/L		08/12/15 12:57	08/12/15 18:05	1
- Method: 2340B-2011 - Total Har	dness (as	CaCO3) by cal	culation	on					
Analyte	•	Qualifier	RL.	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	340	***************************************	3.3	3.3	mg/L	******		08/13/15 12:09	1
 Method: 245.1 - Mercury (CVAA))								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U^	0.20	0.080	ug/L	***************************************	08/12/15 15:13	08/12/15 22:14	1
Method: 245.1 - Mercury (CVAA)	- Dissol	/ed							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	Ü	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 22:58	1
- General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
рН	8.22	HF J			SU	······································	······································	08/12/15 22:03	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	98		5.0	5.0	mg/L	***************************************		08/12/15 22:03	1
Total Suspended Solids	2800		50	50	mg/L			08/12/15 13:03	1

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJME-081015-11

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-2

Matrix: Water

Date Collected: 08/10/15 14:40 Date Received: 08/12/15 09:46

Analyte	(ICP) Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Aluminum	78000		200	24	ug/L		08/12/15 12:57	08/12/15 20:00	***************************************
Calcium	96000		500	25	ug/L		08/12/15 12:57	08/12/15 20:00	
ron	66000		50		ug/L		08/12/15 12:57	08/12/15 20:00	
Vagnesium	24000		500		ug/L		08/12/15 12:57	08/12/15 20:00	
Potassium	15000		1000		ug/L		08/12/15 12:57	08/12/15 20:00	
Sodium	35000		1000		ug/L			08/12/15 20:00	
Method: 200.7 Rev 4.4 - Metals	(ICP) - Dis	solved							
Analyte	Result	Qualifier	RL.	MDL		D	Prepared	Analyzed	DII F
luminum, Dissolved	2200	interested and intere	200	24	ug/L		08/12/15 12:57	08/12/15 21:23	***************************************
Calcium, Dissolved	53000		500	25	ug/L		08/12/15 12:57	08/12/15 21:23	
ron, Dissolved	1600		50	17	ug/L		08/12/15 12:57	08/12/15 21:23	
otassium, Dissolved	3400		1000	17	ug/L		08/12/15 12:57	08/12/15 21:23	
/lagnesium, Dissolved	6700		500	33	ug/L		08/12/15 12:57	08/12/15 21:23	
odium, Dissolved	32000		1000		ug/L		08/12/15 12:57	08/12/15 21:23	
Method: 200.8 - Metals (ICP/MS	S)								
nalyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
ntimony	0.40	UPT C(V	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 19:06	***************************************
rsenic	15		1.0	0.37	ug/L		08/12/15 12:57	08/12/15 19:06	
arium	830		2.0	0.14	ug/L		08/12/15 12:57	08/12/15 19:06	
eryllium	4.4		0.40	0.15	ug/L		08/12/15 12:57	08/12/15 19:06	
admium	0.31		0.10	0.043	ug/L		08/12/15 12:57	08/12/15 19:06	
hromium	41		2.0	1.0	ug/L		08/12/15 12:57	08/12/15 19:06	
obalt	30		0.40	0.12	ug/L		08/12/15 12:57	08/12/15 19:06	
opper	79	Ø	1.0	0.50	ug/L		08/12/15 12:57	08/12/15 19:06	
ead	78	,	0.30	0.060	ug/L		08/12/15 12:57	08/12/15 19:06	
langanese	1400		2.5		ug/L		08/12/15 12:57	08/12/15 19:06	
lickel	41	,	1.0	0.40	_			08/12/15 19:06	
elenium		BJT	2.0	0.58	-			08/12/15 19:06	
ilver	0.54	• •	1.0	0.10			08/12/15 12:57		
hallium	0.78	Ü	0.20	0.10	-		08/12/15 12:57		
anadium	99		1.0	0.30	-		08/12/15 12:57		
inc	220		20		ug/L		08/12/15 12:57		
lolybdenum		列丁	1.0	0.45	-			08/12/15 19:06	
lethod: 200.8 - Metals (ICP/MS	S) - Dissolv	ed							
nalyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
ntimony, Dissolved	0.40	<u> </u>	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 18:09	***************************************
rsenic, Dissolved	1.3		1.0	0.37	-		08/12/15 12:57	08/12/15 18:09	
arium, Dissolved	92		2.0	0.14	ug/L		08/12/15 12:57	08/12/15 18:09	
eryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/12/15 12:57	08/12/15 18:09	
admium, Dissolved	0.043	U	0.10	0.043			08/12/15 12:57	08/12/15 18:09	
hromium, Dissolved	1.9	J	2.0		ug/L		08/12/15 12:57		
obalt, Dissolved	0.83	_ 1	0.40	0.12	-		08/12/15 12:57		
opper, Dissolved	4.5	BJ	1.0	0.50			08/12/15 12:57		
ead, Dissolved	2.1		0.30	0.060	-		08/12/15 12:57		
langanese, Dissolved	31		2.5		ug/L		08/12/15 12:57		
							COLIMITO IN OF		
lolybdenum, Dissolved	2.1	· J	1.0	0.45	un/l		08/12/15 12:57	U8/13/12 18:00	

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJME-081015-11 Lab Sample ID: 680-115487-2

Date Collected: 08/10/15 14:40 Matrix: Water

Date Received: 08/12/15 09:46

Analyte	Result	Qualifier /11		MDL	Unit	D	Prepared	Analyzed	Dil Fa
Selenium, Dissolved	0.98	JB JOU	2.0	0.58	ug/L		08/12/15 12:57	08/12/15 18:09	described and reduced and reserve
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 18:09	
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 12:57	08/12/15 18:09	
Vanadium, Dissolved	6.2		1.0	0.30	ug/L		08/12/15 12:57	08/12/15 18:09	
Zinc, Dissolved	7.1	J	20	2.8	ug/L		08/12/15 12:57	08/12/15 18:09	
Method: 2340B-2011 - Total H	ardness (as	CaCO3) by	calculatio	n				,	
Analyte	•	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	340	·····	3.3	3.3	mg/L		**************************************	08/13/15 12:09	·
Method: 245.1 - Mercury (CVA	(A)	~ `							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	(0.096	J^/	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 22:17	
Method: 245.1 - Mercury (CVA						_			
Analyte		Qualifier	RL	MDL	***************************************	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 23:08	
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
рН	8.20	班	***************************************		SU	-	***************************************	08/12/15 22:10	***************************************
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	92		5.0	5.0	mg/L			08/12/15 22:10	H
Total Suspended Solids	3200		50	50	mg/L			08/12/15 13:03	

Client: Weston Solutions, Inc.

Date Collected: 08/10/15 13:35

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJMC-081015-11

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-3

Matrix: Water

Nethod: 200.7 Rev 4.4 - Metals (•			٠ بر		_			
nalyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
luminum	69000		200		ug/L		08/12/15 12:57		
alcium	97000		500		ug/L			08/12/15 20:30	
on	58000		50		ug/L			08/12/15 20:30	
lagnesium	24000		500		ug/L			08/12/15 20:30	
otassium	14000		1000		ug/L		08/12/15 12:57	08/12/15 20:30	
odium	32000		1000	480	ug/L		08/12/15 12:57	08/12/15 20:30	
Method: 200.7 Rev 4.4 - Metals (ICP) - Dis	solved							
nalyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
luminum, Dissolved	24	0 45 -	200	24	ug/L	Management surper	08/12/15 12:57	08/12/15 21:27	***************************************
alcium, Dissolved	54000	_	500	25	ug/L		08/12/15 12:57	08/12/15 21:27	
on, Dissolved	17	U UT	50	17	ug/L		08/12/15 12:57	08/12/15 21:27	
otassium, Dissolved	2900		1000		ug/L		08/12/15 12:57	08/12/15 21:27	
lagnesium, Dissolved	7400		500		ug/L		08/12/15 12:57	08/12/15 21:27	
odium, Dissolved	30000		1000		ug/L			08/12/15 21:27	
lethod: 200.8 - Metals (ICP/MS)									
nalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
ntimony	0.40	uuf -	1.0		ug/L		08/12/15 12:57		
rsenic	14		1.0	0.37	-		08/12/15 12:57	08/12/15 19:31	
arium	730		2.0	0.14				08/12/15 19:31	
eryllium	3.6		0.40	0.15	-		08/12/15 12:57		
admium	0.26		0.10	0.043	-		08/12/15 12:57		
	37		2.0		ug/L			08/12/15 19:31	
hromium					-				
obalt	25	.3	0.40	0.12	-			08/12/15 19:31	
opper	64	p	1.0	0.50	-		08/12/15 12:57		
ead	76		0.30	0.060	_			08/12/15 19:31	
langanese	1200		2.5		ug/L			08/12/15 19:31	
ickel	35	,	1.0	0.40	-		08/12/15 12:57		
elenium	4.5	By J	2.0	0.58	ug/L		08/12/15 12:57	08/12/15 19:31	
ilver	0.49	J	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 19:31	
hallium	0.68		0.20	0.10	ug/L		08/12/15 12:57	08/12/15 19:31	
anadium	92		1.0	0.30	ug/L		08/12/15 12:57	08/12/15 19:31	
inc	190		20	2.8	ug/L		08/12/15 12:57	08/12/15 19:31	
lolybdenum	2.1	J	1.0	0.45	ug/L		08/12/15 12:57	08/12/15 19:31	
lethod: 200.8 - Metals (ICP/MS)	- Dissolv								
nalyte		Qualifier	RL	MDL		D	Prepared	Analyzed	DII F
ntimony, Dissolved	0.40	U UT	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 18:13	
rsenic, Dissolved	0.88	j	1.0	0.37	ug/L		08/12/15 12:57	08/12/15 18:13	
arium, Dissolved	73		2.0	0.14	-		08/12/15 12:57	08/12/15 18:13	
eryllium, Dissolved	0.15	U	0.40	0.15			08/12/15 12:57	08/12/15 18:13	
admium, Dissolved	0.043		0.10	0.043				08/12/15 18:13	
hromium, Dissolved	1.0		2.0		ug/L			08/12/15 18:13	
obalt, Dissolved	0.12		0.40		ug/L			08/12/15 18:13	
opper, Dissolved		BT+	1.0	0.50				08/12/15 18:13	
ead, Dissolved	0.060	* ***	0.30	0.060	-			08/12/15 18:13	
	1.2	and a second	2.5		ug/L ug/L			08/12/15 18:13	
langanese, Dissolved lolybdenum, Dissolved	2.0		1.0		ug/L			08/12/15 18:13	

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJMC-081015-11 Lab Sample ID: 680-115487-3

Date Collected: 08/10/15 13:35 Matrix: Water Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/N Analyte	Result	Qualifier	, RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Selenium, Dissolved	1.2	JB 2006	2.0	0.58	ug/L		08/12/15 12:57	08/12/15 18:13	***************************************
Silver, Dissolved	0.10	Ú	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 18:13	
Thallium, Dissolved	0.10		0.20	0.10	ug/L		08/12/15 12:57	08/12/15 18:13	
Vanadium, Dissolved	1.8	2	1.0	0.30	ug/L		08/12/15 12:57	08/12/15 18:13	
Zinc, Dissolved	2.8	U UT	20	2.8	ug/L		08/12/15 12:57	08/12/15 18:13	
Method: 2340B-2011 - Total H	ardness (as	CaCO3) by o	alculatio	n					
Analyte		Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	340	and described the contract of	3.3	3.3	mg/L			08/13/15 12:09	
Method: 245.1 - Mercury (CVA	AA)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.080	U^	0.20	0.080	ug/L	***************************************	08/12/15 15:13	08/12/15 22:21	***************************************
Method: 245.1 - Mercury (CVA	A) - Dissolv	/ed							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	Ū ==	0.20	0.080	ug/L	************	08/12/15 15:13	08/12/15 23:11	
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
оН	8.22	H ≠ ')			SU			08/12/15 22:17	
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	97		5.0	5.0	mg/L			08/12/15 22:17	
Total Suspended Solids	3200		67	67	mg/L			08/12/15 13:03	

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-4

Matrix: Water

Client Sample ID: SJ4C-081015-11

Date Collected: 08/10/15 15:05

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Met Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Aluminum	82000		200		ug/L		·	08/12/15 20:34	
Calcium	84000		500		ug/L			08/12/15 20:34	
ron	70000		50		ug/L			08/12/15 20:34	
Vlagnesium	23000		500		-			08/12/15 20:34	
Potassium	16000		1000		ug/L		08/12/15 12:57	08/12/15 20:34	
Sodium	36000		1000		ug/L			08/12/15 20:34	
Method: 200.7 Rev 4.4 - Met	als (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil F
lluminum, Dissolved	28	J	200	24	ug/L		08/12/15 12:57	08/12/15 21:31	***************************************
Calcium, Dissolved	48000		500	25	ug/L		08/12/15 12:57	08/12/15 21:31	
ron, Dissolved	68		50	17	ug/L		08/12/15 12:57	08/12/15 21:31	
otassium, Dissolved	3000		1000	17	ug/L		08/12/15 12:57	08/12/15 21:31	
lagnesium, Dissolved	5700		500	33	ug/L		08/12/15 12:57	08/12/15 21:31	
odium, Dissolved	34000		1000	480	ug/L		08/12/15 12:57	08/12/15 21:31	
Method: 200.8 - Metals (ICP/									
nalyte		Qualifier	RL	MDL	*************	D	Prepared	Analyzed	Dili
ntimony	****	U U	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 19:35	
rsenic	16		1.0	0.37	-		08/12/15 12:57	08/12/15 19:35	
arium	810		2.0	0.14	ug/L		08/12/15 12:57	08/12/15 19:35	
eryllium	4.5		0.40	0.15	ug/L		08/12/15 12:57	08/12/15 19:35	
admium	0.32		0.10	0.043	ug/L		08/12/15 12:57	08/12/15 19:35	
hromium	44		2.0	1.0	ug/L		08/12/15 12:57	08/12/15 19:35	
obalt	31		0.40	0.12	ug/L		08/12/15 12:57	08/12/15 19:35	
opper	74	B/	1.0	0.50	ug/L		08/12/15 12:57	08/12/15 19:35	
ead	71		0.30	0.060	ug/L		08/12/15 12:57	08/12/15 19:35	
langanese	1400		2.5	1.2	ug/L		08/12/15 12:57	08/12/15 19:35	
lickel	40	, , .	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 19:35	
elenium	4.2	B J	2.0	0.58	ug/L		08/12/15 12:57	08/12/15 19:35	
ilver	0.42	j	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 19:35	
hallium	0.81		0.20	0.10	ug/L		08/12/15 12:57	08/12/15 19:35	
anadium	110		1.0	0.30	_		08/12/15 12:57	08/12/15 19:35	
inc	220		20		ug/L			08/12/15 19:35	
lolybdenum	1.5	J-	1.0	0.45	-			08/12/15 19:35	
Method: 200.8 - Metals (ICP/									
nalyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dill
ntimony, Dissolved	0.40	u dv –	1.0	0.40	•		08/12/15 12:57		
rsenic, Dissolved	1.0		1.0	0.37	_			08/12/15 18:17	
arium, Dissolved	68		2.0	0.14	-		08/12/15 12:57	08/12/15 18:17	
eryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/12/15 12:57	08/12/15 18:17	
admium, Dissolved	0.043	U	0.10	0.043	ug/L		08/12/15 12:57	08/12/15 18:17	
hromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/12/15 12:57	08/12/15 18:17	
obalt, Dissolved	1.3	(0.40	0.12	ug/L		08/12/15 12:57	08/12/15 18:17	
opper, Dissolved	2.4	8 TT	1.0	0.50	-			08/12/15 18:17	
ead, Dissolved	0.077		0.30	0.060	_			08/12/15 18:17	
langanese, Dissolved	3.1		2.5		ug/L			08/12/15 18:17	
lolybdenum, Dissolved	1.9	- -	1.0	0.45				08/12/15 18:17	
lickel, Dissolved		زر	1.0	51.10	3			-3	

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJ4C-081015-11

Lab Sample ID: 680-115487-4 Date Collected: 08/10/15 15:05

Date Received: 08/12/15 09:46

ater	Matrix: \

Method: 200.8 - Metals (ICP Analyte	Danielle	Over Helman	, mi	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Selenium, Dissolved	0.63	JB J / U	V/ 2.0	0.58	ug/L		08/12/15 12:57	08/12/15 18:17	***************************************
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 18:17	
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 12:57	08/12/15 18:17	
Vanadium, Dissolved	1.6		1.0	0.30	ug/L		08/12/15 12:57	08/12/15 18:17	
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 12:57	08/12/15 18:17	
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by	/ calculation	1					
Analyte		Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	300	·	3.3	3.3	mg/L			08/13/15 12:09	***************************************
Analyte Mercury	0.17		0.20	MDL 0.080	Unit ug/L	<u>D</u>	Prepared 08/12/15 15:13	Analyzed 08/12/15 22:30	Dil Fa
Method: 245.1 - Mercury (C)									
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 23:14	
General Chemistry									
Analyte		Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
pH	8.22	HF U	~	······································	SU			08/12/15 22:24	**************************************
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa

Alkalinity	83		5.0	5.0	mg/L			08/12/15 22:24	

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-5

Matrix: Water

Client Sample ID: SJSR-081015-11 Date Collected: 08/10/15 12:10

Method: 200.7 Rev 4.4 - Meta Analyte	, ,	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
Aluminum	81000	***************************************	200	24	ug/L		08/12/15 12:57	08/12/15 20:38	
Calcium	84000		500	25	ug/L		08/12/15 12:57	08/12/15 20:38	
ron	65000		50	17	ug/L		08/12/15 12:57	08/12/15 20:38	
V agnesium	21000		500	33	ug/L		08/12/15 12:57	08/12/15 20:38	
Potassium	14000		1000	17	ug/L		08/12/15 12:57	08/12/15 20:38	
Sodium	33000		1000	480	ug/L		08/12/15 12:57	08/12/15 20:38	
Method: 200.7 Rev 4.4 - Meta	als (ICP) - Dis	solved							
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
Aluminum, Dissolved	24	Ū	200	24	ug/L	Action assessment	08/12/15 12:57	08/12/15 21:42	***************************************
Calcium, Dissolved	48000		500	25	ug/L		08/12/15 12:57	08/12/15 21:42	
ron, Dissolved	17	U	50	17	ug/L		08/12/15 12:57	08/12/15 21:42	
Potassium, Dissolved	2900		1000	17	ug/L		08/12/15 12:57	08/12/15 21:42	
Magnesium, Dissolved	5600		500	33	ug/L		08/12/15 12:57	08/12/15 21:42	
Sodium, Dissolved	30000		1000	480	ug/L		08/12/15 12:57	08/12/15 21:42	
Analyte Antimony	0.40	Qualifier U	1.0	MDL 0.40	ug/L	D		Analyzed 08/12/15 19:39	Dil F
•		Ω			-				
Arsenic Barium	15 830		1.0 2.0		ug/L ug/L			08/12/15 19:39 08/12/15 19:39	
Beryllium	4.4		0.40		ug/L			08/12/15 19:39	
Serymum Cadmium	0.22		0.40	0.043	-			08/12/15 19:39	
Chromium	40		2.0		ug/L			08/12/15 19:39	
Cobalt	30		0.40		ug/L			08/12/15 19:39	
Copper	70	₽	1.0		ug/L			08/12/15 19:39	
_ead	62	μ.	0.30	0.060	•			08/12/15 19:39	
Manganese	1300		2.5		ug/L			08/12/15 19:39	
Nickel	36		1.0	0.40	-			08/12/15 19:39	
Selenium	3.5	8 TT	2.0	0.58				08/12/15 19:39	
Silver	0.36		1.0		ug/L		08/12/15 12:57	08/12/15 19:39	
Thallium	0.74		0.20	0.10	_			08/12/15 19:39	
	100		1.0	0.30			08/12/15 12:57	08/12/15 19:39	
/anadium									
/anadium Zinc	180		20	2.8	ug/L		08/12/15 12:57	08/12/15 19:39	

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40 U UV -	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 18:21	1
Arsenic, Dissolved	0.86 J	1.0	0.37	ug/L		08/12/15 12:57	08/12/15 18:21	1
Barium, Dissolved	66	2.0	0.14	ug/L		08/12/15 12:57	08/12/15 18:21	1
Beryllium, Dissolved	0.15 U	0.40	0.15	ug/L		08/12/15 12:57	08/12/15 18:21	1
Cadmium, Dissolved	0.043 U	0.10	0.043	ug/L		08/12/15 12:57	08/12/15 18:21	1
Chromium, Dissolved	1.0 U	2.0	1.0	ug/L		08/12/15 12:57	08/12/15 18:21	1
Cobalt, Dissolved	1.5	0.40	0.12	ug/L		08/12/15 12:57	08/12/15 18:21	1
Copper, Dissolved	2.0 岁丁丁	1.0	0.50	ug/L		08/12/15 12:57	08/12/15 18:21	1
Lead, Dissolved	0.060 ´U	0.30	0.060	ug/L		08/12/15 12:57	08/12/15 18:21	1
Manganese, Dissolved	2.9	2.5	1.2	ug/L		08/12/15 12:57	08/12/15 18:21	1
Molybdenum, Dissolved	1.7 5 -	1.0	0.45	ug/L		08/12/15 12:57	08/12/15 18:21	1
Nickel, Dissolved	1.2	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 18:21	1

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJSR-081015-11 Lab Sample ID: 680-115487-5

Date Collected: 08/10/15 12:10 Matrix: Water Date Received: 08/12/15 09:46

Analyte	Result (, RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Selenium, Dissolved	0.87	1B 200 C	2.0	0.58	ug/L		08/12/15 12:57	08/12/15 18:21	
Silver, Dissolved	0.10	J	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 18:21	
Thallium, Dissolved	0.10	J	0.20	0.10	ug/L		08/12/15 12:57	08/12/15 18:21	
Vanadium, Dissolveđ	1.5		1.0	0.30	ug/L		08/12/15 12:57	08/12/15 18:21	
Zinc, Dissolved	2.8 (J	20	2.8	ug/L		08/12/15 12:57	08/12/15 18:21	•
Method: 2340B-2011 - Total	l Hardness (as (CaCO3) by	calculation	า					
Analyte	Result (RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	300	······································	3.3	3.3	mg/L	*********		08/13/15 12:09	
Method: 245.1 - Mercury (C	VAA)								
Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.10	J	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 22:33	· · · · · · · · · · · · · · · · · · ·
Method: 245.1 - Mercury (C	VAA) - Dissolve	ed							
Analyte	, Result (RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	J	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 23:17)
General Chemistry									
Analyte	Result (Qualifjøf	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
pH	8.19 i	y €') —		***************************************	SU			08/12/15 22:31	***************************************
Analyte	Result (c Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	95		5.0	5.0	mg/L			08/12/15 22:31	

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJFP-081015-11

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-6

Matrix: Water

Date Collected: 08/10/15 10:35 Date Received: 08/12/15 09:46

\nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII F
luminum	10000		200	24	ug/L		08/12/15 12:57	08/12/15 20:42	
Calcium	56000		500		ug/L		08/12/15 12:57	08/12/15 20:42	
ron	8700		50		ug/L		08/12/15 12:57	08/12/15 20:42	
//////////////////////////////////////	9000		500		ug/L			08/12/15 20:42	
Potassium	4400		1000		ug/L			08/12/15 20:42	
Sodium	19000		1000		ug/L			08/12/15 20:42	
//lethod: 200.7 Rev 4.4 - Meta	ls (ICP) - Dis	solved							
inalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil I
luminum, Dissolved	24	U	200	24	ug/L		08/12/15 12:57	08/12/15 21:46	***************************************
alcium, Dissolved	50000		500	25	ug/L		08/12/15 12:57	08/12/15 21:46	
on, Dissolved	17	U	50	17	ug/L		08/12/15 12:57	08/12/15 21:46	
otassium, Dissolved	2300		1000	17	ug/L		08/12/15 12:57	08/12/15 21:46	
lagnesium, Dissolved	6700		500	33	ug/L		08/12/15 12:57	08/12/15 21:46	
odium, Dissolved	19000		1000	480	ug/L		08/12/15 12:57	08/12/15 21:46	
Method: 200.8 - Metals (ICP/M	•		bw. 4	* * * * * * * * * * * * * * * * * * * *		_			
nalyte		Qualifier	RL _		Unit	D	Prepared	Analyzed	DII
ntimony	0.40	U (U3)M	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 19:43	
rsenic	4.3		1.0	0.37	-			08/12/15 19:43	
arium 	170		2.0		ug/L			08/12/15 19:43	
eryllium	0.60		0.40		ug/L			08/12/15 19:43	
admium	0.043	Ų	0.10	0.043	-			08/12/15 19:43	
hromium	8.0		2.0		ug/L			08/12/15 19:43	
obalt	3.9		0.40	0.12	-		08/12/15 12:57	08/12/15 19:43	
opper	13	B	1.0		ug/L		08/12/15 12:57	08/12/15 19:43	
ead	18		0.30	0.060	ug/L		08/12/15 12:57	08/12/15 19:43	
anganese	210		2.5		ug/L		08/12/15 12:57	08/12/15 19:43	
ickel	6.2		1.0	0.40	ug/L		08/12/15 12:57	08/12/15 19:43	
elenium		B (') '	2.0	0.58	ug/L		08/12/15 12:57	08/12/15 19:43	
ilver	0.13	J	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 19:43	
hallium	0.12	J	0.20	0.10	ug/L		08/12/15 12:57	08/12/15 19:43	
anadium	16		1.0	0.30	ug/L		08/12/15 12:57	08/12/15 19:43	
inc	38		20	2.8	ug/L		08/12/15 12:57	08/12/15 19:43	
lolybdenum	1.5	丁十	1.0	0.45	-		08/12/15 12:57	08/12/15 19:43	
lethod: 200.8 - Metals (ICP/N	•								
nalyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil
ntimony, Dissolved	1.3	·	1.0		ug/L			08/12/15 18:25	
rsenic, Dissolved	0.70	J	1.0	0.37	-			08/12/15 18:25	
arium, Dissolved	68		2.0	0.14	-			08/12/15 18:25	
eryllium, Dissolved	0.15		0.40	0.15	-			08/12/15 18:25	
admium, Dissolved	0.043		0.10	0.043	-			08/12/15 18:25	
hromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/12/15 12:57	08/12/15 18:25	
obalt, Dissolved	0.24		0.40	0.12	-		08/12/15 12:57	08/12/15 18:25	
opper, Dissolved	1.5		1.0	0.50			08/12/15 12:57	08/12/15 18:25	
ead, Dissolved	0.060	U	0.30	0.060	ug/L		08/12/15 12:57	08/12/15 18:25	
anganese, Dissolved	7.3		2.5	1.2	ug/L		08/12/15 12:57	08/12/15 18:25	
olybdenum, Dissolved	1.3	J-	1.0	0.45	ug/L		08/12/15 12:57	08/12/15 18:25	

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJFP-081015-11

Lab Sample ID: 680-115487-6

Matrix: Water

Date Collected: 08/10/15 10:35 Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/M		Qualifier	u) RL	MDL	Ilnit	D	Prepared	Analyzed	Dil Fac
Analyte		JB 204	2.0	0.58			08/12/15 12:57	08/12/15 18:25	DIFAC
Selenium, Dissolved	-	-			ug/L				ا .
Silver, Dissolved	0.10		1.0		•		08/12/15 12:57	08/12/15 18:25	1
Thallium, Dissolved	0.10		0.20	0.10			08/12/15 12:57	08/12/15 18:25	1
Vanadium, Dissolved	0.99	-	1.0	0.30	-		08/12/15 12:57	08/12/15 18:25	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 12:57	08/12/15 18:25	1
Method: 2340B-2011 - Total H	ardness (as	CaCO3) by c	alculation	1					
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	180	Month agreement of the contract of the contrac	3.3	3.3	mg/L		Colonidadende ikunnoomineuranaadelaliiminiskiimini.	08/13/15 12:09	
Method: 245.1 - Mercury (CVA	Δ١								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 22:36	1
Method: 245.1 - Mercury (CVA	A) - Dissolv	red							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	Ū —	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 23:20	4
General Chemistry									
Analyte	Result	Qyalifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
рН	8.19	WF J		VII	SU		-	08/12/15 22:40	***************************************
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
			5.0	5.0	mg/L		***************************************	08/12/15 22:40	
Alkalinity	98		0.0	5.0	mg/L			00/12/15 22:40	ì

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJBB-081015-11 Lab Sample ID: 680-115487-7

Date Collected: 08/10/15 12:40 Matrix: Water Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (I	ICP)			***************************************			makaana magaalaan an nga yi iligga ngal-alaga, aga nga nga nga nanayan iga a manaja si iga		
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	42000	***************************************	200		ug/L		08/12/15 12:57	08/12/15 20:46	1
Calcium	100000		500		ug/L			08/12/15 20:46	1
Iron	39000		50		ug/L			08/12/15 20:46	1
Magnesium	21000		500		-			08/12/15 20:46	1
Potassium	11000		1000		ug/L			08/12/15 20:46	1
Sodium	29000		1000		ug/L			08/12/15 20:46	1
	CP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	200		200	24	ug/L		08/12/15 12:57	08/12/15 21:50	1
Calcium, Dissolved	57000		500	25	ug/L		08/12/15 12:57	08/12/15 21:50	1
Iron, Dissolved	88		50	17	ug/L		08/12/15 12:57	08/12/15 21:50	1
Potassium, Dissolved	3100		1000	17	ug/L		08/12/15 12:57	08/12/15 21:50	1
Magnesium, Dissolved	7900		500		ug/L		08/12/15 12:57	08/12/15 21:50	1
Sodium, Dissolved	27000		1000		ug/L		08/12/15 12:57	08/12/15 21:50	1
Method: 200.8 - Metals (ICP/MS)									
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Antimony	0.40	u UI	1.0		ug/L		08/12/15 12:57	08/12/15 19:48	1
Arsenic	13		1.0	0.37	ug/L		08/12/15 12:57	08/12/15 19:48	1
Barium	610		2.0	0.14	ug/L		08/12/15 12:57	08/12/15 19:48	1
Beryllium	2.4		0.40	0.15	ug/L		08/12/15 12:57	08/12/15 19:48	1
Cadmium	0.27		0.10	0.043	ug/L		08/12/15 12:57	08/12/15 19:48	1
Chromium	25		2.0	1.0	ug/L		08/12/15 12:57	08/12/15 19:48	1
Cobalt	18		0.40	0.12	ug/L		08/12/15 12:57	08/12/15 19:48	1
Copper	56	₽*	1.0	0.50	ug/L		08/12/15 12:57	08/12/15 19:48	1
Lead	120		0.30	0.060	ug/L		08/12/15 12:57	08/12/15 19:48	1
Manganese	950		2.5	1.2	ug/L		08/12/15 12:57	08/12/15 19:48	1
Nickel	26		1.0	0.40	ug/L		08/12/15 12:57	08/12/15 19:48	1
Selenium	3.9	BJT	2.0	0.58	ug/L		08/12/15 12:57	08/12/15 19:48	1
Silver	0.86	J	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 19:48	1
Thallium	0.48		0.20	0.10	ug/L		08/12/15 12:57	08/12/15 19:48	1
Vanadium	63		1.0	0.30	ug/L		08/12/15 12:57	08/12/15 19:48	1
Zinc	160		20	2.8	ug/L		08/12/15 12:57	08/12/15 19:48	1
Molybdenum	2.3	チ	1.0	0.45	ug/L		08/12/15 12:57	08/12/15 19:48	1
Method: 200.8 - Metals (ICP/MS)									
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	v ut -	1.0	0.40			08/12/15 12:57	08/12/15 18:29	
Arsenic, Dissolved	0.80	J	1.0	0.37	-		08/12/15 12:57		1
Barium, Dissolved	77		2.0	0.14	ug/L			08/12/15 18:29	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L			08/12/15 18:29	1
Cadmium, Dissolved				0.043	ug/L		08/12/15 12:57	08/12/15 18:29	1
•	0.043	U	0.10						
Chromium, Dissolved			0.10 2.0		ug/L		08/12/15 12:57	08/12/15 18:29	1
	0.043							08/12/15 18:29 08/12/15 18:29	1 1
Chromium, Dissolved	0.043 1.0 0.42		2.0	1.0	ug/L		08/12/15 12:57		
Chromium, Dissolved Cobalt, Dissolved	0.043 1.0 0.42	B T +	2.0 0.40	1.0 0.12	ug/L ug/L		08/12/15 12:57 08/12/15 12:57	08/12/15 18:29	1
Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved	0.043 1.0 0.42 2.5	B T +	2.0 0.40 1.0	1.0 0.12 0.50 0.060	ug/L ug/L		08/12/15 12:57 08/12/15 12:57 08/12/15 12:57	08/12/15 18:29 08/12/15 18:29	1
Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved	0.043 1.0 0.42 2.5 0.29	B T +	2.0 0.40 1.0 0.30	1.0 0.12 0.50 0.060	ug/L ug/L ug/L ug/L		08/12/15 12:57 08/12/15 12:57 08/12/15 12:57 08/12/15 12:57	08/12/15 18:29 08/12/15 18:29 08/12/15 18:29	1 1 1

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJBB-081015-11 Lab Sample ID: 680-115487-7

Date Collected: 08/10/15 12:40 Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/N			•			_			m. ** ***
Analyte		Qualifier 11	RL _	MDL		D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	_	JOU BY	2.0	0.58	ug/L		08/12/15 12:57	08/12/15 18:29	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 18:29	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 12:57	08/12/15 18:29	1
Vanadium, Dissolved	1.7		1.0	0.30	ug/L		08/12/15 12:57	08/12/15 18:29	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 12:57	08/12/15 18:29	1
Method: 2340B-2011 - Total H	lardness (as	CaCO3) by ca	alculatio	n					
Analyte		Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	340		3.3	3.3	mg/L	······································	****	08/13/15 12:09	1
Method: 245.1 - Mercury (CVA	AA)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	Ū	0.20	0.080	ug/L	therether the standard	08/12/15 15:13	08/12/15 22:40	1
Method: 245.1 - Mercury (CVA	AA) - Dissolv	/ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	Ū	0.20	0.080	ug/L	-	08/12/15 15:13	08/12/15 23:23	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.20	HF)			SU			08/12/15 22:46	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	94	***************************************	5.0	5.0	mg/L			08/12/15 22:46	1
Total Suspended Solids	2300		50	50	mg/L			08/12/15 13:03	4

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-8

Client Sample ID: SJMH-081015-11 Date Collected: 08/10/15 11:35

eate Collected: 08/10/15 11:3 Pate Received: 08/12/15 09:4	-			***************************************			**************************************	Matrix	. wat
Method: 200.7 Rev 4.4 - Met									
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
Aluminum	210000		200		ug/L		08/12/15 12:57	08/12/15 20:57	
Calcium	360000		500		ug/L			08/12/15 20:57	
Iron	110000		50		ug/L			08/12/15 20:57	
Magnesium	83000		500	33	ug/L		08/12/15 12:57	08/12/15 20:57	
Potassium	58000		10000	170	ug/L		08/12/15 12:57	08/13/15 10:20	
Sodium	51000		1000	480	ug/L		08/12/15 12:57	08/12/15 20:57	
Method: 200.7 Rev 4.4 - Meta	als (ICP) - Dis	solved							
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	DII F
Aluminum, Dissolved	31	J	200	24	ug/L		08/12/15 13:31	08/12/15 23:42	***************************************
Calcium, Dissolved	51000		500	25	ug/L		08/12/15 13:31	08/12/15 23:42	
ron, Dissolved	17	U	50	17	ug/L		08/12/15 13:31	08/12/15 23:42	
Potassium, Dissolved	3900		1000	17	ug/L		08/12/15 13:31	08/12/15 23:42	
Magnesium, Dissolved	8000		500	33	ug/L		08/12/15 13:31	08/12/15 23:42	
Sodium, Dissolved	43000		1000	480	ug/L		08/12/15 13:31	08/12/15 23:42	
Wethod: 200.8 - Metals (ICP/	MS)								
\nalyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
ntimony	0.40	U 47 -	1.0	0.40	ug/L		08/12/15 12:57	08/13/15 05:44	***************************************
rsenic	_22_		1.0	0.37	ug/L		08/12/15 12:57	08/13/15 05:44	
Barium	2200		2.0	0.14	-		08/12/15 12:57	08/13/15 05:44	
Beryllium	10	9	0.40	0.15	_		08/12/15 12:57	08/13/15 05:44	
Sadmium	0.62		0.10	0.043				08/13/15 05:44	
Chromium	110		2.0		ug/L			08/13/15 05:44	
Cobalt	59		0.40	0.12	-			08/13/15 05:44	
Copper	94	50'	1.0	0.50	-			08/13/15 05:44	
_ead	90	,,,	0.30	0.060				08/13/15 05:44	
langanese	3500		2.5		ug/L			08/13/15 05:44	
lickel	120		1.0	0.40	-			08/13/15 05:44	
	4.9	~ T+	2.0	0.40					
Selenium Selenium					-			08/13/15 05:44	
Silver	0.46	J	1.0	0.10	-			08/13/15 05:44	
hallium , .:	1.6		0.20	0.10	-			08/13/15 05:44	
/anadium 	190		1.0	0.30	-			08/13/15 05:44	
Zinc	290	-	20		ug/L			08/13/15 05:44	
Nolybdenum	2.4	2 -	1.0	0.45	ug/L		08/12/15 12:57	08/13/15 05:44	
Method: 200.8 - Metals (ICP/					** **	_			
Analyte		Qualifier —	RL	MDL		D	Prepared	Analyzed	Dil F
Antimony, Dissolved	0.40	u CC*	1.0	0.40	-		08/12/15 13:31	08/12/15 23:07	
Arsenic, Dissolved	1.6		1.0	0.37			08/12/15 13:31	08/12/15 23:07	
Barium, Dissolved	150		2.0	0.14	-		08/12/15 13:31	08/12/15 23:07	
eryllium, Dissolved	0.15		0.40	0.15			08/12/15 13:31	08/12/15 23:07	
admium, Dissolved	0.043		0.10	0.043	-		08/12/15 13:31	08/12/15 23:07	
Chromium, Dissolved	1.0	U	2.0		ug/L		08/12/15 13:31	08/12/15 23:07	
Cobalt, Dissolved	1.7		0.40	0.12	-		08/12/15 13:31	08/12/15 23:07	
Copper, Dissolved	2.6	丁十	1.0	0.50	ug/L		08/12/15 13:31	08/12/15 23:07	
_ead, Dissolved	0.060	U	0.30	0.060	ua/l		08/12/15 13:31	08/12/15 23:07	

TestAmerica Savannah

2.5

1.0

1.0

1.2 ug/L

0.45 ug/L

0.40 ug/L

3.1

2.5

1

Manganese, Dissolved

Molybdenum, Dissolved

Nickel, Dissolved

08/12/15 13:31 08/12/15 23:07

08/12/15 13:31 08/12/15 23:07

08/12/15 13:31 08/12/15 23:07

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-8

Matrix: Water

Client Sample ID: SJMH-081015-11

Date Collected: 08/10/15 11:35 Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP			•			-			
Analyte		Qualifier	L RL	MDL	************	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	1.6	JE Je H	2.0	0.58	ug/L		08/12/15 13:31	08/12/15 23:07	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 13:31	08/12/15 23:07	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 13:31	08/12/15 23:07	1
Vanadium, Dissolved	7.3		1.0	0.30	ug/L		08/12/15 13:31	08/12/15 23:07	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 13:31	08/12/15 23:07	1
Method: 2340B-2011 - Total	l Hardness (as	CaCO3) by o	alculation	า					
Analyte		Qualifier	RL	RL.	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	1200		3.3	3.3	mg/L		**************************************	08/13/15 12:09	1
Method: 245.1 - Mercury (C	VAA)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	J	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 22:43	1
Method: 245.1 - Mercury (C	VAA) - Dissolv	/ed							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/12/15 16:44	08/13/15 00:29	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.17	HF			SU			08/12/15 23:05	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	110	***************************************	5.0	5.0	mg/L	Address of the same of the sam	quaries and a second se	08/12/15 23:05	1
Total Suspended Solids	7400		100	100	mg/L			08/12/15 13:03	4

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-9

Matrix: Water

Client Sample ID: MECT-081015-11

Date Collected: 08/10/15 14:15 Date Received: 08/12/15 09:46

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9800	200	24	ug/L		08/12/15 12:57	08/12/15 21:01	1
Calcium	190000	500	25	ug/L		08/12/15 12:57	08/12/15 21:01	1
Iron	7400	50	17	ug/L		08/12/15 12:57	08/12/15 21:01	1
Magnesium	77000	500	33	ug/L		08/12/15 12:57	08/12/15 21:01	1
Potassium	9000	1000	17	ug/L		08/12/15 12:57	08/12/15 21:01	1
Sodium	72000	1000	480	ug/L		08/12/15 12:57	08/12/15 21:01	1

Method: 200.7 Rev 4.4 - I	Metals (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL.	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	Ū	200	24	ug/L		08/12/15 13:31	08/12/15 23:47	1
Calcium, Dissolved	170000		500	25	ug/L		08/12/15 13:31	08/12/15 23:47	1
Iron, Dissolved	17	U	50	17	ug/L		08/12/15 13:31	08/12/15 23:47	1
Potassium, Dissolved	5500		1000	17	ug/L		08/12/15 13:31	08/12/15 23:47	1
Magnesium, Dissolved	71000		500	33	ug/L		08/12/15 13:31	08/12/15 23:47	1
Sodium, Dissolved	70000		1000	480	ug/L		08/12/15 13:31	08/12/15 23:47	1

Method: 200.8 - Metals Analyte	Result Qualifier_	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40 U U O	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 19:52	1
Arsenic	4.5	1.0	0.37	ug/L		08/12/15 12:57	08/12/15 19:52	1
Barium	180	2.0	0.14	ug/L		08/12/15 12:57	08/12/15 19:52	1
Beryllium	0.53	0.40	0.15	ug/L		08/12/15 12:57	08/12/15 19:52	1
Cadmium	0.10	0.10	0.043	ug/L		08/12/15 12:57	08/12/15 19:52	1
Chromium	7.5	2.0	1.0	ug/L		08/12/15 12:57	08/12/15 19:52	1
Cobalt	3.4	0.40	0.12	ug/L		08/12/15 12:57	08/12/15 19:52	1
Copper	9.5 😿	1.0	0.50	ug/L		08/12/15 12:57	08/12/15 19:52	1
Lead	7.0	0.30	0.060	ug/L		08/12/15 12:57	08/12/15 19:52	1
Manganese	310	2.5	1,2	ug/L		08/12/15 12:57	08/12/15 19:52	1
Nickel	9.9	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 19:52	1
Selenium	2.9 8 丁 广	2.0	0.58	ug/L		08/12/15 12:57	08/12/15 19:52	1
Silver	0.10 U	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 19:52	1
Thallium	0.17 J	0.20	0.10	ug/L		08/12/15 12:57	08/12/15 19:52	1
Vanadium	20	1.0	0.30	ug/L		08/12/15 12:57	08/12/15 19:52	1
Zinc	28	20	2.8	ug/L		08/12/15 12:57	08/12/15 19:52	1
Molybdenum	3.6	1.0	0.45	ug/L		08/12/15 12:57	08/12/15 19:52	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40		1.0	0.40	ug/L	months and annual	08/12/15 13:31	08/12/15 23:11	1
Arsenic, Dissolved	1.3		1.0	0.37	ug/L		08/12/15 13:31	08/12/15 23:11	1
Barium, Dissolved	85		2.0	0.14	ug/L		08/12/15 13:31	08/12/15 23:11	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/12/15 13:31	08/12/15 23:11	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/12/15 13:31	08/12/15 23:11	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/12/15 13:31	08/12/15 23:11	1
Cobalt, Dissolved	0.45	·	0.40	0.12	ug/L		08/12/15 13:31	08/12/15 23:11	1
Copper, Dissolved	3.0	JT	1.0	0.50	ug/L		08/12/15 13:31	08/12/15 23:11	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/12/15 13:31	08/12/15 23:11	1
Manganese, Dissolved	1.8	J	2.5	1.2	ug/L		08/12/15 13:31	08/12/15 23:11	1
Molybdenum, Dissolved	3.1	丁一	1.0	0.45	ug/L		08/12/15 13:31	08/12/15 23:11	1
Nickel, Dissolved	3.8		1.0	0.40	ug/L		08/12/15 13:31	08/12/15 23:11	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-9

Matrix: Water

Client Sample ID: MECT-081015-11

Date Collected: 08/10/15 14:15 Date Received: 08/12/15 09:46

Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	1.3,	8B 2004	2.0	0.58	ug/L		08/12/15 13:31	08/12/15 23:11	,
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 13:31	08/12/15 23:11	
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 13:31	08/12/15 23:11	
Vanadium, Dissolved	2.6		1.0	0.30	ug/L		08/12/15 13:31	08/12/15 23:11	•
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 13:31	08/12/15 23:11	•
Method: 2340B-2011 - Tota	l Hardness (as	CaCO3) by c	alculatio	n					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	800	WOOD OF THE PROPERTY OF THE PR	3.3	3.3	mg/L			08/13/15 12:09	***************************************
Method: 245.1 - Mercury (C	VAA)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	<u>U</u> ^	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 22:02	***************************************
Method: 245.1 - Mercury (C	VAA) - Dissolv	ed .							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	Ū	0.20	0.080	ug/L	***************************************	08/12/15 16:44	08/13/15 00:32	
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
pH	8.38	WF			SU		***************************************	08/12/15 23:12	***************************************
Analyte	Result	Qualifier	RL.		Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	220		5.0	5.0	mg/L			08/12/15 23:12	

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJLP-081015-11

Lab Sample ID: 680-115487-10 Date Collected: 08/10/15 09:40 Matrix: Water

te Received: 08/12/15 09:46		~~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					***************************************		
flethod: 200.7 Rev 4.4 - Metal	, ,	O	F**, 2	****		***			P
nalyte		Qualifier	RL 200	MDL		D	Prepared	Analyzed	Dil F
duminum	12000				ug/L			08/12/15 21:04	
alcium	56000		500		ug/L			08/12/15 21:04	
on	11000		50		ug/L			08/12/15 21:04	
lagnesium	9300		500		ug/L			08/12/15 21:04	
otassium	4900		1000		ug/L			08/12/15 21:04	
odium	18000		1000	480	ug/L		08/12/15 12:57	08/12/15 21:04	
Nethod: 200.7 Rev 4.4 - Metal			m ,	s a mu		_			
nalyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
luminum, Dissolved	24	U	200		ug/L		08/12/15 13:31	08/12/15 23:51	
alcium, Dissolved	50000		500		ug/L			08/12/15 23:51	
on, Dissolved	17	U	50		ug/L			08/12/15 23:51	
otassium, Dissolved	2300		1000		ug/L			08/12/15 23:51	
lagnesium, Dissolved	6500		500		ug/L			08/12/15 23:51	
odium, Dissolved	17000		1000	480	ug/L		08/12/15 13:31	08/12/15 23:51	
Nethod: 200.8 - Metals (ICP/M	•								
nalyte		Qualifier	RL _	MDL		D	Prepared	Analyzed	Dill
ntimony	0.40	u ur	1.0		ug/L			08/12/15 19:56	
rsenic	3.6		1.0		ug/L			08/12/15 19:56	
arium	260		2.0	0.14	-		08/12/15 12:57	08/12/15 19:56	
eryllium	0.70		0.40	0.15	-		08/12/15 12:57	08/12/15 19:56	
admium	0.14		0.10	0.043	ug/L		08/12/15 12:57	08/12/15 19:56	
hromium	8.3		2.0	1.0	ug/L		08/12/15 12:57	08/12/15 19:56	
obalt	5.2	st.	0.40	0.12	ug/L		08/12/15 12:57	08/12/15 19:56	
opper	15	B	1.0	0.50	ug/L		08/12/15 12:57	08/12/15 19:56	
ead	21		0.30	0.060	ug/L		08/12/15 12:57	08/12/15 19:56	
langanese	270		2.5	1.2	ug/L		08/12/15 12:57	08/12/15 19:56	
ickel	7.7		1.0	0.40	ug/L		08/12/15 12:57	08/12/15 19:56	
elenium	1.4_	NO 36 BR	2.0		ug/L		08/12/15 12:57	08/12/15 19:56	
ilver	0.13		1.0		ug/L		08/12/15 12:57	08/12/15 19:56	
hallium	0.14		0.20	0.10	-		08/12/15 12:57	08/12/15 19:56	
anadium	19	_	1.0		ug/L			08/12/15 19:56	
inc	50		20		ug/L			08/12/15 19:56	
lolybdenum	1.4	J-	1.0		ug/L			08/12/15 19:56	
lethod: 200.8 - Metals (ICP/M	IS) - Dissolv	ed							
nalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
ntimony, Dissolved	0.40	v at -	1.0		ug/L		08/12/15 13:31		
rsenic, Dissolved	0.56		1.0		ug/L			08/12/15 23:15	
arium. Dissolved	70		2.0		ug/L			08/12/15 23:15	
eryllium, Dissolved	0.15	U	0.40	0.15	•			08/12/15 23:15	
admium, Dissolved	0.043		0.10	0.043	-			08/12/15 23:15	
hromium, Dissolved	1.0		2.0		ug/L			08/12/15 23:15	
obalt, Dissolved	0.52	-	0.40	0.12				08/12/15 23:15	
opper, Dissolved	1.3	T+	1.0	0.12	-			08/12/15 23:15	
• • •	0.060				•				
ead, Dissolved langanese, Dissolved	9.7	U	0.30 2.5	0.060	ug/L ug/L			08/12/15 23:15 08/12/15 23:15	
Sourgnoon Life All Mad	9.7		2.0	1.2	uu/L		UOLIZITO 15.51	unr (ZEE) Z3:15	
lolybdenum, Dissolved	1.3	~~ <i>~</i>	1.0	0.45	-			08/12/15 23:15	

Client: Weston Solutions, Inc.

Date Collected: 08/10/15 09:40

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJLP-081015-11

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-10

Matrix: Water

ate Received: 08/12/15 09:4	0	didia.htm					······································		<u></u>
Method: 200.8 - Metals (ICP) Analyte		Qualifier	tca ·	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Selenium, Dissolved	0.77	B 20 U	2.0	0.58	ug/L		08/12/15 13:31	08/12/15 23:15	
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 13:31	08/12/15 23:15	
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 13:31	08/12/15 23:15	
Vanadium, Dissolved	0.92	J	1.0	0.30	ug/L		08/12/15 13:31	08/12/15 23:15	
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 13:31	08/12/15 23:15	
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by o	alculation)					
Analyte		Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	180	And the second s	3.3	3.3	mg/L	CONTRACTOR NAME.		08/13/15 12:09	www.antonniantonnia
Method: 245.1 - Mercury (C)	/AA\								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.080	Ü	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 22:46	***********
Method: 245.1 - Mercury (C)	/AA) - Dissolv	red							
Analyte		Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dii Fa
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L	and an area of the second	08/12/15 16:44	08/13/15 00:35	***************************************
General Chemistry									
Analyte	Result	Qyalifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
pH	8.18	肿了	Willelland and Maller and Willer	****	SU			08/12/15 23:19	***************************************
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	88		5.0	5.0	mg/L			08/12/15 23:19	
Total Suspended Solids	1400		20	20	mg/L			08/12/15 13:03	

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJDS-081015-11 Lab Sample ID: 680-115487-11

Date Collected: 08/10/15 13:25 Matrix: Water Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	79000	***************************************	200	24	ug/L		08/12/15 12:57	08/12/15 21:08	
Calcium	81000		500	25	ug/L		08/12/15 12:57	08/12/15 21:08	
ron	67000		50	17	ug/L		08/12/15 12:57	08/12/15 21:08	
Magnesium	22000		500		ug/L		08/12/15 12:57	08/12/15 21:08	
Potassium	15000		1000		ug/L			08/12/15 21:08	
Sodium	38000		1000		ug/L		08/12/15 12:57	08/12/15 21:08	
Wethod: 200.7 Rev 4.4 - Met	als (ICP) - Dis	solved							
\nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum, Dissolved	29	J	200	24	ug/L	************	08/12/15 13:31	08/12/15 23:56	tretaminari (************************************
Calcium, Dissolved	47000		500	25	ug/L		08/12/15 13:31	08/12/15 23:56	
ron, Dissolved	17	U	50	17	ug/L		08/12/15 13:31	08/12/15 23:56	
Potassium, Dissolved	3000		1000	17	ug/L		08/12/15 13:31	08/12/15 23:56	
Magnesium, Dissolved	5500		500	33	ug/L		08/12/15 13:31	08/12/15 23:56	
Sodium, Dissolved	34000		1000	480	ug/L		08/12/15 13:31	08/12/15 23:56	
Method: 200.8 - Metals (ICP/	MS)								
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Antimony	0.40		1.0		ug/L		08/12/15 12:57	08/12/15 20:00	
Arsenic	15		1.0	0.37	ug/L		08/12/15 12:57	08/12/15 20:00	
Barium	810		2.0	0.14	ug/L		08/12/15 12:57	08/12/15 20:00	
eryllium	4.5		0.40	0.15	ug/L		08/12/15 12:57	08/12/15 20:00	
admium	0.31		0.10	0.043	ug/L		08/12/15 12:57	08/12/15 20:00	
hromium	39		2.0	1.0	ug/L		08/12/15 12:57	08/12/15 20:00	
obalt	29		0.40	0.12	ug/L		08/12/15 12:57	08/12/15 20:00	
opper	74	B	1.0	0.50	-		08/12/15 12:57	08/12/15 20:00	
.ead	69	<i>4</i>	0.30	0.060	-		08/12/15 12:57	08/12/15 20:00	
/langanese	1300		2.5		ug/L		08/12/15 12:57	08/12/15 20:00	
lickel	38		1.0	0.40	-			08/12/15 20:00	
elenium	3.3	NTT	2.0	0.58				08/12/15 20:00	
Silver	0.44	- J	1.0	0.10	•			08/12/15 20:00	
Thallium	0.74	•	0.20	0.10	-			08/12/15 20:00	
anadium	98		1.0	0.30				08/12/15 20:00	
linc	210		20		ug/L			08/12/15 20:00	
Nolybdenum	1.2	丁	1.0	0.45	•			08/12/15 20:00	
Method: 200.8 - Metals (ICP/	MS) - Dissolv	ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Antimony, Dissolved	0.40	u Ut -	1.0	0.40	ug/L		08/12/15 13:31	08/12/15 23:19	
rsenic, Dissolved	0.51	J	1.0	0.37	ug/L		08/12/15 13:31	08/12/15 23:19	
arium, Dissolved	64		2.0	0.14	ug/L		08/12/15 13:31	08/12/15 23:19	
eryllium, Dissolved	0.15	U	0.40	0.15	-		08/12/15 13:31	08/12/15 23:19	
admium, Dissolved	0.043	U	0.10	0.043			08/12/15 13:31	08/12/15 23:19	
Chromium, Dissolved	1.0		2.0		ug/L			08/12/15 23:19	
obalt, Dissolved	0.33		0.40	0.12	_			08/12/15 23:19	
Copper, Dissolved	2.4	丁十	1.0	0.50	-			08/12/15 23:19	
ead, Dissolved	0.060		0.30	0.060	-			08/12/15 23:19	
Manganese, Dissolved	1.7		2.5		ug/L			08/12/15 23:19	
lolybdenum, Dissolved			1.0	0.45				08/12/15 23:19	
ioiybaenani, Dissoivea	1.8	J-	1.0	0.40	սկւ		00/12/10 13.31	00/12/10 23.18	

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJDS-081015-11 Lab Sample ID: 680-115487-11

Date Collected: 08/10/15 13:25 Matrix: Water Date Received: 08/12/15 09:46

Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Selenium, Dissolved	0.77	88 2100	2.0	0.58	ug/L	Arthronia	08/12/15 13:31	08/12/15 23:19	
Silver, Dissolved	0.10		1.0	0.10	ug/L		08/12/15 13:31	08/12/15 23:19	
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 13:31	08/12/15 23:19	
Vanadium, Dissolved	1.5		1.0	0.30	ug/L		08/12/15 13:31	08/12/15 23:19	
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 13:31	08/12/15 23:19	
Method: 2340B-2011 - Tota	l Hardness (as	CaCO3) by ca	lculatio	n					
Analyte		Qualifier	RL.		Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	290		3.3	3.3	mg/L			08/13/15 12:09	***************************************
Method: 245.1 - Mercury (C	(AAV								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.10	J	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 22:49	***************************************
Method: 245.1 - Mercury (C	VAA) - Dissolv	red							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/12/15 16:44	08/13/15 00:38	W
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
Н	8.17	作う	monatius/danilanidir unad	etisketilisetustikysetusestysetusetsiskiksistetiliset	SU	timi	.te.qzzz.enon_enienijezeshojei ilienileteniiqojilezenoniilezziniqe	08/12/15 23:25	***************************************
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	93	***************************************	5.0	5.0	mg/L	***************************************	***************************************	08/12/15 23:25	
Total Suspended Solids	4300		100	100	mg/L			08/12/15 13:03	

RL

MDL Unit

Result Qualifier

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-12

D

Prepared

Matrix: Water

Analyzed

Dil Fac

Client Sample ID: SJHB-081015-11 Date Collected: 08/10/15 11:25

Method: 200.7 Rev 4.4 - Metals (ICP)

Date Received: 08/1	2/15 09:46
---------------------	------------

Analyte

Analyte	Result	Qualifier	RL.	MUL	Unit	ט	Prepared	Anaiyzed	Dii Fac
Aluminum	13000	***************************************	200	24	ug/L		08/12/15 12:57	08/12/15 21:12	1
Calcium	60000		500	25	ug/L		08/12/15 12:57	08/12/15 21:12	1
Iron ·	11000		50	17	ug/L		08/12/15 12:57	08/12/15 21:12	1
Magnesium	9600		500	33	ug/L		08/12/15 12:57	08/12/15 21:12	1
Potassium	5000		1000	17	ug/L		08/12/15 12:57	08/12/15 21:12	1
Sodium	19000		1000		ug/L		08/12/15 12:57	08/12/15 21:12	1
	(10D) D:-								
Method: 200.7 Rev 4.4 - Metals Analyte		SOIVEG Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	<u>24</u>		200	24	ug/L		08/12/15 13:31	08/13/15 00:00	1
Calcium, Dissolved	51000	Ü	500	25	ug/L		08/12/15 13:31	08/13/15 00:00	1
Iron, Dissolved	17	11	50		ug/L		08/12/15 13:31	08/13/15 00:00	1
Potassium, Dissolved	2300	Ŭ	1000	17	-		08/12/15 13:31	08/13/15 00:00	. 1
Magnesium, Dissolved	6800		500	33	•		08/12/15 13:31		1
			1000		ug/L			08/13/15 00:00	1
Sodium, Dissolved	19000		1000	400	ugr		00/12/10 10.01	00/13/13 00.00	•
Method: 200.8 - Metals (ICP/MS									
Analyte		Qualifier	RL _	MDL		D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U CO	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 20:04	1
Arsenic	3.8		1.0	0.37	ug/L		08/12/15 12:57	08/12/15 20:04	1
Barium	260		2.0	0.14	-		08/12/15 12:57	08/12/15 20:04	1
Beryllium	0.89		0.40	0.15	ug/L		08/12/15 12:57	08/12/15 20:04	1
Cadmium	0.056	J	0.10	0.043	ug/L		08/12/15 12:57	08/12/15 20:04	1
Chromium	9.7		2.0	1.0	ug/L		08/12/15 12:57	08/12/15 20:04	1
Cobalt	6.2		0.40	0.12	ug/L		08/12/15 12:57	08/12/15 20:04	1
Copper	16	F	1.0	0.50	ug/L		08/12/15 12:57	08/12/15 20:04	1
Lead	22	_	0.30	0.060	ug/L		08/12/15 12:57	08/12/15 20:04	1
Manganese	400	うて	2.5	1.2	ug/L		08/12/15 12:57	08/12/15 20:04	1
Nickel	8.5		1.0	0.40	ug/L		08/12/15 12:57	08/12/15 20:04	1
Selenium	2.3	BITT	2.0	0.58	ug/L		08/12/15 12:57	08/12/15 20:04	1
Silver	0.14	J	1.0	0.10	ug/L		08/12/15 12:57	08/12/15 20:04	1
Thallium	0.15	J	0.20	0.10	ug/L		08/12/15 12:57	08/12/15 20:04	1
Vanadium	21		1.0	0.30	ug/L		08/12/15 12:57	08/12/15 20:04	1
Zinc	55		20		ug/L		08/12/15 12:57	08/12/15 20:04	1
Molybdenum	1.5		1.0	0.45	-		08/12/15 12:57	08/12/15 20:04	1
	D) Din	- 1							
Method: 200.8 - Metals (ICP/MS Analyte		ea Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved		<u> </u>	1.0	0.40			•	08/12/15 23:23	1
Arsenic, Dissolved	0.47		1.0	0.37				08/12/15 23:23	1
Barium, Dissolved	69	0	2.0		ug/L			08/12/15 23:23	1
Beryllium, Dissolved	0.15	11	0.40	0.15	-			08/12/15 23:23	1
•	0.043		0.40	0.043	·-			08/12/15 23:23	1
Cadmium, Dissolved	1.0		2.0		ug/L			08/12/15 23:23	1
Chromium, Dissolved								08/12/15 23:23	1
Cobalt, Dissolved	0.35	~~+~	0.40	0.12	-				,
Copper, Dissolved	2.1	J,	1.0	0.50				08/12/15 23:23	1
- ·	0.000						10003 7774 7 4 4 4 3		1
Lead, Dissolved	0.060	U	0.30	0.060	-			08/12/15 23:23	•
Lead, Dissolved Manganese, Dissolved	2.7		2.5	1,2	ug/L		08/12/15 13:31	08/12/15 23:23	1
Lead, Dissolved Manganese, Dissolved Molybdenum, Dissolved Nickel, Dissolved		4			ug/L ug/L		08/12/15 13:31 08/12/15 13:31		•

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-12

Matrix: Water

Client Sample	ID: SJHE	3-081015-	11
Date Collected: 0	3/10/15 11	:25	

Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Selenium, Dissolved	0.58	Ū	2.0	0.58	ug/L	***********	08/12/15 13:31	08/12/15 23:23	
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 13:31	08/12/15 23:23	
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 13:31	08/12/15 23:23	
Vanadium, Dissolved	0.96	J	1.0	0.30	ug/L		08/12/15 13:31	08/12/15 23:23	
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 13:31	08/12/15 23:23	
Method: 2340B-2011 - Total	Hardness (as	CaCO3) b	y calculatio	n					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	190	***************************************	3.3	3.3	mg/L	******	***************************************	08/13/15 12:09	***************************************
Method: 245.1 - Mercury (C\	/AA)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.080	Ū	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 22:52	***************************************
Method: 245.1 - Mercury (C\	/AA) - Dissolv	/ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	Ū	0.20	0.080	ug/L		08/12/15 16:44	08/13/15 00:42	***************************************
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
pH	8.15	HF ()	****	***************************************	SU			08/13/15 00:11	
Analyte	Result	Qualifier	RL	RL.	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	90	***************************************	5.0	5.0	mg/L	***************************************	<u> </u>	08/13/15 00:11	***************************************
Total Suspended Solids	880		18	18	mg/L			08/12/15 13:03	

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-13

Matrix: Water

Client Sample	ID: S.	JHB-081	015-12
Date Collected: 08	8/10/15	11:25	

Method: 200.7 Rev 4.4 - Meta	le (ICP)								
Analyte	•	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	13000		200	24	ug/L		08/12/15 12:57	08/12/15 21:16	•
Calcium	57000		500	25	ug/L		08/12/15 12:57	08/12/15 21:16	
fron	11000		50	17	ug/L		08/12/15 12:57	08/12/15 21:16	
Magnesium	9500		500	33	ug/L		08/12/15 12:57	08/12/15 21:16	
Potassium	5100		1000	17	ug/L		08/12/15 12:57	08/12/15 21:16	1
Sodium	19000		1000	480	ug/L		08/12/15 12:57	08/12/15 21:16	1
Method: 200.7 Rev 4.4 - Meta	ls (ICP) - Dis	solved							
Analyte		Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/12/15 13:31		
Calcium, Dissolved	50000		500		ug/L		08/12/15 13:31	08/13/15 00:05	1
Iron, Dissolved	17	U	50		ug/L			08/13/15 00:05	1
Potassium, Dissolved	2300		1000		_			08/13/15 00:05	1
Magnesium, Dissolved	6700		500		ug/L			08/13/15 00:05	
Sodium, Dissolved	18000		1000		ug/L			08/13/15 00:05	1
Method: 200.8 - Metals (ICP/N	/IS)								
Analyte		Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	u di	1.0	0.40	ug/L		08/12/15 12:57	08/12/15 20:09	-
Arsenic	3.7		1.0	0.37	ug/L		08/12/15 12:57	08/12/15 20:09	
Barium	240		2.0	0.14	ug/L		08/12/15 12:57	08/12/15 20:09	
Beryllium	0.78		0.40	0.15	ug/L		08/12/15 12:57	08/12/15 20:09	
Cadmium	0.054	J	0.10	0.043	ug/L		08/12/15 12:57	08/12/15 20:09	
Chromium	10		2.0	1.0	ug/L		08/12/15 12:57	08/12/15 20:09	1
Cobalt	5.4		0.40	0.12	-		08/12/15 12:57	08/12/15 20:09	1
Copper	16	p/	1.0	0.50	_		08/12/15 12:57	08/12/15 20:09	1
Lead	22	_	0.30	0.060	-		08/12/15 12:57	08/12/15 20:09	1
Manganese	290	D T	2.5		ug/L			08/12/15 20:09	1
Nickel	8.1		1.0	0.40	-			08/12/15 20:09	1
Selenium	2.0	PITT	2.0	0.58	-			08/12/15 20:09	1
Silver	0.15	, m-	1.0	0.10				08/12/15 20:09	1
Thallium	0.15		0.20	0.10	-			08/12/15 20:09	1
Vanadium	20	-	1.0	0.30	-			08/12/15 20:09	1
Zinc	51		20		ug/L			08/12/15 20:09	1
Molybdenum	1.5	—	1.0	0.45	·			08/12/15 20:09	1
Method: 200.8 - Metals (ICP/N	(S) Dissolv	~d							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40		1.0	0.40			08/12/15 13:31	***************************************	
Arsenic, Dissolved	0.99	J	1.0	0.37	-		08/12/15 13:31		1
Barium, Dissolved	67		2.0	0.14	ug/L		08/12/15 13:31	08/12/15 23:27	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/12/15 13:31	08/12/15 23:27	1
Cadmium, Dissolved	0.043		0.10	0.043	-		08/12/15 13:31		1
Chromium, Dissolved	1.0		2.0		ug/L		08/12/15 13:31		1
Cobalt, Dissolved	0.16		0.40	0.12			08/12/15 13:31		1
Copper, Dissolved	1.4	J+	1.0	0.50			08/12/15 13:31		1
Lead, Dissolved	0.060		0.30	0.060	•			08/12/15 23:27	1
**************************************		•	0.00	2.000				00/40/4# 00 0=	•

TestAmerica Savannah

2.5

1.0

1.0

1.2 ug/L

0.45 ug/L

0.40 ug/L

2.1 J

1.2

1

Manganese, Dissolved

Nickel, Dissolved

Molybdenum, Dissolved

08/12/15 13:31 08/12/15 23:27

08/12/15 13:31 08/12/15 23:27

08/12/15 13:31 08/12/15 23:27

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-13

Client Sample ID: SJHB-081015-12 Date Collected: 08/10/15 11:25 Matrix: Water Date Received: 08/12/15 09:46

Analyte		Qualifier	, RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	1.1,	AB JUV	2.0	0.58	ug/L		08/12/15 13:31	08/12/15 23:27	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 13:31	08/12/15 23:27	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 13:31	08/12/15 23:27	1
Vanadium, Dissolved	0.89	J	1.0	0.30	ug/L		08/12/15 13:31	08/12/15 23:27	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 13:31	08/12/15 23:27	1
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by c	alculatio	n					
Analyte		Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	180	***************************************	3.3	3.3	mg/L	~~~~~		08/13/15 12:09	1
Method: 245.1 - Mercury (CV	'AA)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	Ū	0.20	0.080	ug/L		08/12/15 15:13	08/12/15 22:55	1
Method: 245.1 - Mercury (CV	'AA) - Dissolv	/ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	Ü	0.20	0.080	ug/L	*********	08/12/15 16:44	08/13/15 00:45	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
рН	8.16	HP)			SU	****		08/13/15 00:18	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	90		5.0	5.0	mg/L			08/13/15 00:18	1
Total Suspended Solids	1000		20	20	mg/L			08/12/15 13:03	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-14

Matrix: Water

Client Sample ID: SJ4C-081115-11

Date Collected: 08/11/15 09:52 Date Received: 08/12/15 09:46

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	120000	200	24	ug/L	***************************************	08/12/15 14:09	08/13/15 02:41	1
Calcium	100000	500	25	ug/L		08/12/15 14:09	08/13/15 02:41	1
lron	91000	50	17	ug/L		08/12/15 14:09	08/13/15 02:41	1
Magnesium	28000	500	33	ug/L		08/12/15 14:09	08/13/15 02:41	1
Potassium	19000	1000	17	ug/L		08/12/15 14:09	08/13/15 02:41	1
Sodium	43000	1000	480	ug/L		08/12/15 14:09	08/13/15 02:41	1

-	Method: 200.7 Rev 4.4 - Me	tals (ICP) - Dis	solved							
Acceptance	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Merchadolo	Aluminum, Dissolved	25	J	200	24	ug/L		08/12/15 13:31	08/13/15 00:18	1
*	Calcium, Dissolved	46000		500	25	ug/L		08/12/15 13:31	08/13/15 00:18	1
***************************************	Iron, Dissolved	17	U	50	17	ug/L		08/12/15 13:31	08/13/15 00:18	1
-	Potassium, Dissolved	3300		1000	17	ug/L		08/12/15 13:31	08/13/15 00:18	1
***************************************	Magnesium, Dissolved	4900		500	33	ug/L		08/12/15 13:31	08/13/15 00:18	1
	Sodium, Dissolved	40000		1000	480	ug/L		08/12/15 13:31	08/13/15 00:18	1

Method: 200.8 - Metals (ICP/MS)	Provite Overlision	DI	**DI	l lmit	ь	Dunmanad	A made one of	D!! F
Analyte	Result Qualifier	RL		Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Antimony	0.40 U	1.0	0.40	ug/L		08/12/15 14:09	08/13/15 05:19	1
Arsenic	24	1.0	0.37	ug/L		08/12/15 14:09	08/13/15 05:19	1
Barium	1200	2.0	0.14	ug/L		08/12/15 14:09	08/13/15 05:19	1
Beryllium	7.4	0.40	0.15	ug/L		08/12/15 14:09	08/13/15 05:19	1
Cadmium	0.31	0.10	0.043	ug/L		08/12/15 14:09	08/13/15 05:19	1
Chromium	55	2.0	1.0	ug/L		08/12/15 14:09	08/13/15 05:19	1
Cobalt	48	0.40	0.12	ug/L		08/12/15 14:09	08/13/15 05:19	1
Copper	120	1.0	0.50	ug/L		08/12/15 14:09	08/13/15 05:19	1
Lead	89	0.30	0.060	ug/L		08/12/15 14:09	08/13/15 05:19	1
Manganese	2000	2.5	1.2	ug/L		08/12/15 14:09	08/13/15 05:19	1
Nickel	55	1.0	0.40	ug/L		08/12/15 14:09	08/13/15 05:19	1
Selenium	5.2	2.0	0.58	ug/L		08/12/15 14:09	08/13/15 05:19	1
Silver	0.55 J	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 05:19	> 1
Thallium	1.2	0.20	0.10	ug/L		08/12/15 14:09	08/13/15 05:19	1
Vanadium	130	1.0	0.30	ug/L		08/12/15 14:09	08/13/15 05:19	1
Zinc	270	20	2.8	ug/L		08/12/15 14:09	08/13/15 05:19	1
Molybdenum	0.99 J	1.0	0.45	ug/L		08/12/15 14:09	08/13/15 05:19	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	Ū –	1.0	0.40	ug/L	***************************************	08/12/15 13:31	08/12/15 23:31	1
Arsenic, Dissolved	1.2		1.0	0.37	ug/L		08/12/15 13:31	08/12/15 23:31	1
Barium, Dissolved	65		2.0	0.14	ug/L		08/12/15 13:31	08/12/15 23:31	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/12/15 13:31	08/12/15 23:31	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/12/15 13:31	08/12/15 23:31	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/12/15 13:31	08/12/15 23:31	1
Cobalt, Dissolved	2.5		0.40	0.12	ug/L		08/12/15 13:31	08/12/15 23:31	1
Copper, Dissolved	2.5		1.0	0.50	ug/L		08/12/15 13:31	08/12/15 23:31	1
Lead, Dissolved	0.094	J	0.30	0.060	ug/L		08/12/15 13:31	08/12/15 23:31	1
Manganese, Dissolved	4.6		2.5	1.2	ug/L		08/12/15 13:31	08/12/15 23:31	1
Molybdenum, Dissolved	2.0		1.0	0.45	ug/L		08/12/15 13:31	08/12/15 23:31	1
Nickel, Dissolved	1.3		1.0	0.40	ug/L		08/12/15 13:31	08/12/15 23:31	1

Client: Weston Solutions, Inc.

Date Collected: 08/11/15 09:52

Date Received: 08/12/15 09:46

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJ4C-081115-11

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-14

Matrix: Water

Analyte	Result	Qualifier	RL	MDL.	Unit	D	Prepared	Analyzed	Dil Fa
Selenium, Dissolved	0.78	JB	2.0	0.58	ug/L		08/12/15 13:31	08/12/15 23:31	
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 13:31	08/12/15 23:31	•
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 13:31	08/12/15 23:31	
Vanadium, Dissolved	2.0		1.0	0.30	ug/L		08/12/15 13:31	08/12/15 23:31	
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 13:31	08/12/15 23:31	•
Method: 2340B-2011 - Total I	Hardness (as	CaCO3) by	calculation	1					
Analyte	•	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	380	***************************************	3.3	3.3	mg/L	*****	***************************************	08/13/15 12:09	<u> </u>
Analyte Mercury	Result 0.15	Qualifier J	RL 0.20	MDL 0.080	Unit ug/L	D	Prepared 08/12/15 13:18	Analyzed 08/12/15 21:07	Dil Fa
Mercury	0.15	J	0.20	0.080	ug/L	MARKONIAL ALICE	08/12/15 13:18	08/12/15 21:07	***************************************
Method: 245.1 - Mercury (CV						_			
Analyte		Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/12/15 16:44	08/13/15 00:48	
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE		D	Prepared	Analyzed	Dil Fa
рН	8.20	ザブ		te de na de la desta de la	SU		***************************************	08/13/15 00:25	***************************************
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	97		5.0	5.0	mg/L			08/13/15 00:25	

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-15

Client Sample ID: SJ4C-081115-12 Date Collected: 08/11/15 09:52 Matrix: Water

Date Received: 08/12/15 09:46

lethod: 200.7 Rev 4.4 - Meta nalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
luminum	110000		200	24	ug/L		08/12/15 14:09	08/13/15 02:10	***************************************
alcium	99000		500	25	ug/L		08/12/15 14:09	08/13/15 02:10	
on	86000		50		ug/L		08/12/15 14:09	08/13/15 02:10	
lagnesium	27000		500		ug/L		08/12/15 14:09	08/13/15 02:10	
otassium	18000		1000		ug/L		08/12/15 14:09	08/13/15 02:10	
odium	41000		1000		ug/L		08/12/15 14:09	08/13/15 02:10	
lethod: 200.7 Rev 4.4 - Meta	ls (ICP) - Dis	solved							
nalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil I
luminum, Dissolved	24	U	200	24	ug/L		08/12/15 14:09	08/13/15 03:08	************************
alcium, Dissolved	43000		500	25	ug/L		08/12/15 14:09	08/13/15 03:08	
on, Dissolved	17	U	50	17	ug/L		08/12/15 14:09	08/13/15 03:08	
otassium, Dissolved	3100		1000	17	ug/L		08/12/15 14:09	08/13/15 03:08	
lagnesium, Dissolved	4700		500	33	ug/L		08/12/15 14:09	08/13/15 03:08	
odium, Dissolved	38000		1000	480	ug/L		08/12/15 14:09	08/13/15 03:08	
lethod: 200.8 - Metals (ICP/I									
nalyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil
ntimony	0.40	U	1.0	0.40			08/12/15 14:09	08/13/15 04:54	
rsenic	23		1.0	0.37	_		08/12/15 14:09	08/13/15 04:54	
arium	1100		2.0	0.14	-		08/12/15 14:09	08/13/15 04:54	
eryllium	7.1		0.40	0.15			08/12/15 14:09	08/13/15 04:54	
admium	0.35		0.10	0.043	ug/L		08/12/15 14:09	08/13/15 04:54	
hromium	53		2.0	1.0	ug/L		08/12/15 14:09	08/13/15 04:54	
obalt	46		0.40	0.12	-		08/12/15 14:09	08/13/15 04:54	
opper	110		1.0	0.50	ug/L		08/12/15 14:09	08/13/15 04:54	
ead	84		0.30	0.060	ug/L		08/12/15 14:09	08/13/15 04:54	
anganese	2000		2.5	1.2	ug/L		08/12/15 14:09	08/13/15 04:54	
ickel	52		1.0	0.40	ug/L		08/12/15 14:09	08/13/15 04:54	
elenium	4.2		2.0	0.58	ug/L		08/12/15 14:09	08/13/15 04:54	
ilver	0.52	J	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 04:54	
hallium	1.1		0.20	0.10	ug/L		08/12/15 14:09	08/13/15 04:54	
anadium	130		1.0	0.30	ug/L		08/12/15 14:09	08/13/15 04:54	
inc	250		20	2.8	ug/L		08/12/15 14:09	08/13/15 04:54	
olybdenum	0.96	J	1.0	0.45	ug/L		08/12/15 14:09	08/13/15 04:54	
lethod: 200.8 - Metals (ICP/I									
nalyte		Qualifier	RL .	MDL		D	Prepared	Analyzed	Dil
ntimony, Dissolved	0.40		1,0	0.40			08/12/15 14:09	08/13/15 04:05	
rsenic, Dissolved	0.92	J	1.0	0.37				08/13/15 04:05	
arium, Dissolved	60		2.0	0.14			08/12/15 14:09		
eryllium, Dissolved	0.15		0.40	0.15			08/12/15 14:09		
admium, Dissolved	0.043		0.10	0.043			08/12/15 14:09		
hromium, Dissolved	1.0		2.0		ug/L		08/12/15 14:09		
obalt, Dissolved	0.27	J	0.40	0.12			08/12/15 14:09		
opper, Dissolved	2.4		1.0	0.50			08/12/15 14:09	08/13/15 04:05	
ead, Dissolved	0.060		0.30	0.060			08/12/15 14:09	08/13/15 04:05	
anganese, Dissolved	1.2	U _	2.5	1.2	ug/L		08/12/15 14:09	08/13/15 04:05	
aligaliese, Dissolved	1.9	Table 1	1.0		_				

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJ4C-081115-12

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-15

Matrix: Water

Date Collected: 08/11/15 09:52 Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	1.7	J	2.0	0.58	ug/L		08/12/15 14:09	08/13/15 04:05	
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 04:05	
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 14:09	08/13/15 04:05	
Vanadium, Dissolveđ	1.5		1.0	0.30	ug/L		08/12/15 14:09	08/13/15 04:05	•
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 14:09	08/13/15 04:05	
Method: 2340B-2011 - Tota	ıl Hardness (as	CaCO3) by	, calculation	n					
Analyte	•	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	360	are a serious and a serious an	3.3	3.3	mg/L			08/13/15 12:09	1
Method: 245.1 - Mercury (
Analyte		Qualifier	RL	MDL	***************************************	D	Prepared	Analyzed	Dil Fac
Mercury	0.16	J	0.20	0.080	ug/L		08/12/15 13:18	08/12/15 20:46	1
Method: 245.1 - Mercury (0	CVAA) - Dissolv	/ed							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U^	0.20	0.080	ug/L		08/12/15 13:18	08/12/15 21:26	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
рН	8.19	呼丁	***************************************	**************************************	SU	industrial com	***************************************	08/13/15 00:32	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
•									
Alkalinity	96		5.0	5.0	mg/L			08/13/15 00:32	

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-16

Matrix: Water

Client Sample ID: SJSR-081115-11

Method: 200.7 Rev 4.4 - Metals (ICP)

Date Collected: 08/11/15 12:35 Date Received: 08/12/15 09:46

Wethod: 200.7 Rev 4.4 - Weta	IS (ICP)								
Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Aluminum	3100		200	24	ug/L		08/12/15 13:31	08/13/15 00:23	1
Calcium	68000		500	25	ug/L		08/12/15 13:31	08/13/15 00:23	1
Iron	1500		50	17	ug/L		08/12/15 13:31	08/13/15 00:23	1
Magnesium	8200		500	33	ug/L		08/12/15 13:31	08/13/15 00:23	1
Potassium	3400		1000	17	ug/L		08/12/15 13:31	08/13/15 00:23	1
Sodium	26000		1000		ug/L		08/12/15 13:31	08/13/15 00:23	1
Method: 200.7 Rev 4.4 - Meta	ls (ICP) - Dis	solved							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	Ū	200	24	ug/L	**********	08/12/15 14:09	08/13/15 03:13	1
Calcium, Dissolved	52000		500	25	ug/L		08/12/15 14:09	08/13/15 03:13	1
Iron, Dissolved	17	U	50	17	ug/L		08/12/15 14:09	08/13/15 03:13	1
Potassium, Dissolved	2800		1000		ug/L		08/12/15 14:09	08/13/15 03:13	1
Magnesium, Dissolved	6500		500		ug/L		08/12/15 14:09	08/13/15 03:13	1
Sodium, Dissolved	26000		1000		ug/L			08/13/15 03:13	1
: Method: 200.8 - Metals (ICP/N	161								
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40		1.0	0.40			08/12/15 13:31	08/12/15 23:35	1
		O			-				1
Arsenic	2.6		1.0	0.37	_		08/12/15 13:31	08/12/15 23:35	
Barium	240		2.0	0.14	•		08/12/15 13:31		1
Beryllium	1.3		0.40	0.15	-			08/12/15 23:35	1
Cadmium	0.16		0.10	0.043	-		08/12/15 13:31		1
Chromium	1.0	J	2.0		ug/L			08/12/15 23:35	1
Cobalt	5.6		0.40	0.12	-		08/12/15 13:31		1
Copper	13		1.0	0.50	-		08/12/15 13:31	08/12/15 23:35	1
Lead	9.9		0.30	0.060	-		08/12/15 13:31		1
Manganese	500		2.5		ug/L		08/12/15 13:31	08/12/15 23:35	1
Nickel	4.2		1.0	0.40	_		08/12/15 13:31	08/12/15 23:35	1
Selenium	0.60	JB	2.0	0.58	ug/L		08/12/15 13:31	08/12/15 23:35	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 13:31	08/12/15 23:35	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 13:31	08/12/15 23:35	1
Vanadium	9.8		1.0	0.30	ug/L		08/12/15 13:31	08/12/15 23:35	1
Zinc	24		20	2.8	ug/L		08/12/15 13:31	08/12/15 23:35	1
Molybdenum	0.63	J	1.0	0.45	ug/L		08/12/15 13:31	08/12/15 23:35	1
Method: 200.8 - Metals (ICP/N	IS) - Dissolv	ed							
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	Management on any local concentration of the same and the			2 10	unil		08/12/15 14:09	08/13/15 04:09	1
Anumony, Dissolved	0.40	U	1.0	0.40	ugr				
Arsenic, Dissolved	0.40 0.94		1.0 1.0	0.40	-		08/12/15 14:09		1
				0.37 0.14	ug/L ug/L			08/13/15 04:09	1
Arsenic, Dissolved	0.94	J	1.0	0.37	ug/L ug/L		08/12/15 14:09	08/13/15 04:09 08/13/15 04:09	1 1 1
Arsenic, Dissolved Barium, Dissolved	0.94 73	J U	1.0 2.0	0.37 0.14	ug/L ug/L ug/L		08/12/15 14:09 08/12/15 14:09 08/12/15 14:09	08/13/15 04:09 08/13/15 04:09	
Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved	0.94 73 0.15	J U U	1.0 2.0 0.40	0.37 0.14 0.15 0.043	ug/L ug/L ug/L		08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09	08/13/15 04:09 08/13/15 04:09 08/13/15 04:09	1
Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved	0.94 73 0.15 0.043	J U U	1.0 2.0 0.40 0.10	0.37 0.14 0.15 0.043	ug/L ug/L ug/L ug/L ug/L		08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09	08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09	1
Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved	0.94 73 0.15 0.043 1.0	J U U	1.0 2.0 0.40 0.10 2.0	0.37 0.14 0.15 0.043 1.0	ug/L ug/L ug/L ug/L ug/L ug/L		08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09	08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09	1
Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved	0.94 73 0.15 0.043 1.0 1.9	J U	1.0 2.0 0.40 0.10 2.0 0.40	0.37 0.14 0.15 0.043 1.0 0.12 0.50	ug/L ug/L ug/L ug/L ug/L ug/L		08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09	08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09	1 1 1
Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved	0.94 73 0.15 0.043 1.0 1.9 1.7	J U	1.0 2.0 0.40 0.10 2.0 0.40 1.0	0.37 0.14 0.15 0.043 1.0 0.12 0.50 0.060	ug/L ug/L ug/L ug/L ug/L ug/L ug/L		08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09	08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09	1 1 1 1 1
Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved	0.94 73 0.15 0.043 1.0 1.9	J U	1.0 2.0 0.40 0.10 2.0 0.40 1.0	0.37 0.14 0.15 0.043 1.0 0.12 0.50 0.060	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09	08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09 08/13/15 04:09	1 1 1 1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-16

Matrix: Water

Client Sample ID: SJSR-081115-11 Date Collected: 08/11/15 12:35

Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.75	J	2.0	0.58	ug/L		08/12/15 14:09	08/13/15 04:09	*449***********************************
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 04:09	
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 14:09	08/13/15 04:09	
Vanadium, Dissolved	1.3		1.0	0.30	ug/L		08/12/15 14:09	08/13/15 04:09	
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 14:09	08/13/15 04:09	
Method: 2340B-2011 - Tota	l Hardness (as	CaCO3) by	calculation	n					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	200		3.3	3.3	mg/L			08/13/15 12:09	
Method: 245.1 - Mercury (C	VAA)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.080	Ū	0.20	0.080	ug/L		08/12/15 16:44	08/12/15 23:36	***************************************
Method: 245.1 - Mercury (C	VAA) - Dissolv	red .							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	<u>U^</u>	0.20	0.080	ug/L	******	08/12/15 13:18	08/12/15 21:29	***************************************
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
pH	8.20	HF)			SU	***************************************		08/13/15 00:38	
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	93		5.0	5.0	mg/L	***************************************		08/13/15 00:38	

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-17

Matrix: Water

Client Sa	ample IC): SJI	MH-081	115-11
Date Colle	cted: 08/	11/15	10:35	

Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	110000	***************************************	200	24	ug/L		08/12/15 14:09	08/13/15 02:59	***************************************
Calcium	99000		500	25	ug/L		08/12/15 14:09	08/13/15 02:59	
Iron	86000		50	17	ug/L		08/12/15 14:09	08/13/15 02:59	
Magnesium	28000		500	33	ug/L		08/12/15 14:09	08/13/15 02:59	
Potassium	18000		1000	17	ug/L		08/12/15 14:09	08/13/15 02:59	
Sodium	41000		1000	480	ug/L		08/12/15 14:09	08/13/15 02:59	•
Method: 200.7 Rev 4.4 - Metals (II	CP) - Dis	solved							
Analyte	•	Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum, Dissolved	24	J	200	24	ug/L		08/12/15 13:31	08/13/15 00:27	
Calcium, Dissolved	46000		500	25	ug/L		08/12/15 13:31	08/13/15 00:27	
Iron, Dissolved	17	U	50	17	ug/L		08/12/15 13:31	08/13/15 00:27	
Potassium, Dissolved	3100		1000	17	ug/L		08/12/15 13:31	08/13/15 00:27	
Magnesium, Dissolved	5300		500	33	ug/L		08/12/15 13:31	08/13/15 00:27	
Sodium, Dissolved	37000		1000	480	ug/L		08/12/15 13:31	08/13/15 00:27	
Method: 200.8 - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Antimony	0.40	Ū	1.0	0.40	ug/L		08/12/15 14:09	08/13/15 05:27	
Arsenic	22		1.0	0.37	ug/L		08/12/15 14:09	08/13/15 05:27	
Barium	1000		2.0	0.14	ug/L		08/12/15 14:09	08/13/15 05:27	
Beryllium	6.4		0.40	0.15	ug/L		08/12/15 14:09	08/13/15 05:27	
Cadmium	0.29		0.10	0.043	ug/L		08/12/15 14:09	08/13/15 05:27	1
Chromium	51		2.0	1.0	ug/L		08/12/15 14:09	08/13/15 05:27	1
Cobalt	42		0.40	0.12	ug/L		08/12/15 14:09	08/13/15 05:27	•
Copper	100		1.0		ug/L		08/12/15 14:09	08/13/15 05:27	
Lead	82		0.30	0.060	•		08/12/15 14:09	08/13/15 05:27	
Manganese	1800		2.5		ug/L		08/12/15 14:09		
Nickel	50		1.0		ug/L		08/12/15 14:09		
Selenium	4.5		2.0		ug/L		08/12/15 14:09		
Silver	0.50	J	1.0		ug/L		08/12/15 14:09		
Thallium	1.0	-	0.20		ug/L		08/12/15 14:09		
Vanadium	130		1.0		ug/L		08/12/15 14:09		
Zinc	250		20		ug/L		08/12/15 14:09		
Molybdenum	1.0	工	1.0		ug/L		08/12/15 14:09		
Method: 200.8 - Metals (ICP/MS) -	Dissolv	ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40		1.0	0.40	ug/L		08/12/15 13:31	-	
Arsenic, Dissolved	0.88		1.0	0.37	•		08/12/15 13:31		1
	0.00	-	7.0	0.0,					

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	Ū -	1.0	0.40	ug/L	Ropale Assessmentura	08/12/15 13:31	08/12/15 23:39	1
Arsenic, Dissolved	0.88	J	1.0	0.37	ug/L		08/12/15 13:31	08/12/15 23:39	1
Barium, Dissolved	65		2.0	0.14	ug/L		08/12/15 13:31	08/12/15 23:39	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/12/15 13:31	08/12/15 23:39	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/12/15 13:31	08/12/15 23:39	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/12/15 13:31	08/12/15 23:39	1
Cobalt, Dissolved	2.6		0.40	0.12	ug/L		08/12/15 13:31	08/12/15 23:39	1
Copper, Dissolved	2.4		1.0	0.50	ug/L		08/12/15 13:31	08/12/15 23:39	1
Lead, Dissolved	0.084	J	0.30	0.060	ug/L		08/12/15 13:31	08/12/15 23:39	1
Manganese, Dissolved	4.7		2.5	1.2	ug/L		08/12/15 13:31	08/12/15 23:39	1
Molybdenum, Dissolved	2.0	I	1.0	0.45	ug/L		08/12/15 13:31	08/12/15 23:39	1
Nickel, Dissolved	1.3		1.0	0.40	ug/L		08/12/15 13:31	08/12/15 23:39	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-17

Client Sample ID: SJMH-081115-11 Date Collected: 08/11/15 10:35 Matrix: Water

Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Selenium, Dissolved	1.6	JB	2.0	0.58	ug/L		08/12/15 13:31	08/12/15 23:39	
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 13:31	08/12/15 23:39	
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 13:31	08/12/15 23:39	
Vanadium, Dissolved	1.8		1.0	0.30	ug/L		08/12/15 13:31	08/12/15 23:39	
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 13:31	08/12/15 23:39	
Method: 2340B-2011 - Tota	ıl Hardness (as	CaCO3) b	y calculation	า					
Analyte		Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	360	kanada silinana da sana sa sanada sanada sa da sa	3.3	3.3	mg/L			08/13/15 12:09	
Method: 245.1 - Mercury (C	VAA)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.11	J^	0.20	0.080	ug/L		08/12/15 13:18	08/12/15 21:20	***************************************
Method: 245.1 - Mercury (C	VAA) - Dissolv	/ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	Ū	0.20	0.080	ug/L	national value	08/12/15 16:44	08/13/15 01:01	***************************************
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
pH	8.24	WF J	determination of the section of the sec	rannenger medicir ophibitis in en et et et i tre	SU	-		08/13/15 00:45	
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	97	**************************************	5.0	5.0	mg/L		*****	08/13/15 00:45	*
Minaminy	0.1								

Client: Weston Solutions, Inc.

Date Collected: 08/11/15 11:30

Date Received: 08/12/15 09:46

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJBB-081115-11

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-18

Matrix: Water

Method: 200.7 Rev 4.4 - Metals (ICP) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 200 **Aluminum** 110000 24 ug/L 08/12/15 14:09 08/13/15 02:14 Calcium 99000 500 25 ug/L 08/12/15 14:09 08/13/15 02:14 1 Iron 85000 50 17 ug/L 08/12/15 14:09 08/13/15 02:14 1 500 ug/L 08/12/15 14:09 08/13/15 02:14 1 Magnesium 27000 33 **Potassium** 17000 1000 17 ug/L 08/12/15 14:09 08/13/15 02:14 Sodium 40000 1000 480 ug/L 08/12/15 14:09 08/13/15 02:14

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Aluminum, Dissolved 1600 200 24 ug/L 08/12/15 14:09 08/13/15 03:17 Calcium, Dissolved 46000 500 25 08/12/15 14:09 08/13/15 03:17 ug/L 50 08/13/15 03:17 840 17 ug/L 08/12/15 14:09 Iron, Dissolved Potassium, Dissolved 3400 1000 17 ug/L 08/12/15 14:09 08/13/15 03:17 Magnesium, Dissolved 5600 500 33 ug/L 08/12/15 14:09 08/13/15 03:17 1000 08/12/15 14:09 08/13/15 03:17 Sodium, Dissolved 37000 480 ug/L

Method: 200.8 - Metals (ICP/MS) RL MDL Result Qualifier Unit D Prepared Dil Fac Analyte Analyzed Antimony 0.40 T 1.0 0.40 ug/L 08/12/15 14:09 08/13/15 04:58 1.0 0.37 08/12/15 14:09 08/13/15 04:58 Arsenic 21 ug/L 1 Barium 1000 2.0 0.14 ug/L 08/12/15 14:09 08/13/15 04:58 Beryllium 6.3 0.40 0.15 ug/L 08/12/15 14:09 08/13/15 04:58 0.10 0.043 ug/L 08/12/15 14:09 08/13/15 04:58 Cadmium 0.33 Chromium 2.0 1.0 ug/L 08/12/15 14:09 08/13/15 04:58 50 42 0.40 0.12 ug/L 08/12/15 14:09 08/13/15 04:58 Cobalt 1.0 0.50 08/12/15 14:09 08/13/15 04:58 Copper 100 ug/L 0.30 0.060 08/12/15 14:09 08/13/15 04:58 Lead 82 ug/L ug/L 08/12/15 14:09 08/13/15 04:58 Manganese 1800 2.5 1,2 Nickel 49 1.0 0.40 ug/L 08/12/15 14:09 08/13/15 04:58 Selenium 3.8 2.0 0.58 ug/L 08/12/15 14:09 08/13/15 04:58 1.0 08/12/15 14:09 08/13/15 04:58 0.51 J 0.10 ug/L Silver Thallium 0.20 0.10 ug/L 08/12/15 14:09 08/13/15 04:58 1.0 120 1.0 0.30 ug/L 08/12/15 14:09 08/13/15 04:58 Vanadium 20 08/12/15 14:09 08/13/15 04:58 Zinc 250 2.8 ug/L 08/12/15 14:09 08/13/15 04:58 Molybdenum 1.0 1.0 0.45 ug/L

Method: 200.8 - Metals (ICP/MS) - Dissolved Result Qualifier RL MDL. Unit D Prepared Analyzed Dil Fac Analyte 0.40 U 1.0 08/13/15 04:13 0.40 ug/L 08/12/15 14:09 Antimony, Dissolved 1.0 0.37 ug/L 08/12/15 14:09 08/13/15 04:13 Arsenic, Dissolved 1.2 Barium, Dissolved 2.0 0.14 08/12/15 14:09 08/13/15 04:13 70 ug/L Beryllium, Dissolved 0.15 U 0.40 0.15 ug/L 08/12/15 14:09 08/13/15 04:13 0.043 Cadmium, Dissolved 0.043 U 0.10 ug/L 08/12/15 14:09 08/13/15 04:13 Chromium, Dissolved 1.0 U 2.0 1.0 ug/L 08/12/15 14:09 08/13/15 04:13 Cobalt, Dissolved 0.87 0.40 0.12 ug/L 08/12/15 14:09 08/13/15 04:13 Copper, Dissolved 1.0 0.50 ug/L 08/12/15 14:09 08/13/15 04:13 3.2 0.30 0.060 ug/L 08/12/15 14:09 08/13/15 04:13 0.67 Lead, Dissolved 13 2.5 1.2 ug/L 08/12/15 14:09 08/13/15 04:13 Manganese, Dissolved 1.9 1.0 08/12/15 14:09 08/13/15 04:13 Molybdenum, Dissolved 0.45 ug/L Nickel, Dissolved 1.4 1.0 0.40 ug/L 08/12/15 14:09 08/13/15 04:13

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-18

ab Sample ID. 000-110407-10

Matrix: Water

Client Sample	D: SJBB-081115-11
Date Collected: 08	3/11/15 11:30

Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Selenium, Dissolved	1.3	J	2.0	0.58	ug/L		08/12/15 14:09	08/13/15 04:13	*
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 04:13	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 14:09	08/13/15 04:13	1
Vanadium, Dissolved	3.7		1.0	0.30	ug/L		08/12/15 14:09	08/13/15 04:13	1
Zinc, Dissolved	4.9	J	20	2.8	ug/L		08/12/15 14:09	08/13/15 04:13	1
Method: 2340B-2011 - Tota	l Hardness (as	CaCO3) b	y calculatio	n					
Analyte		Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	360		3.3	3.3	mg/L	************	Managed Contract and Contract Contract and Contract Contr	08/13/15 12:09	•
Method: 245.1 - Mercury (C	VAA)								
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	J	0.20	0.080	ug/L	***************************************	08/12/15 13:18	08/12/15 20:49	1
Method: 245.1 - Mercury (C	VAA) - Dissolv	/ed							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U^	0.20	0.080	ug/L	······	08/12/15 13:18	08/12/15 21:32	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.23	萨丁	****		SU	********	***************************************	08/13/15 00:54	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	97	***************************************	5.0	5.0	mg/L			08/13/15 00:54	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJMC-081115-11

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-19

ate Collected: 08/11/15 12 ate Received: 08/12/15 09:								Matrix	. wate
/lethod: 200.7 Rev 4.4 - M	etals (ICP)					***************************************			
nalyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
luminum	10000		200		ug/L		08/12/15 14:09	08/13/15 03:04	
Calcium	210000		500		ug/L		08/12/15 14:09	08/13/15 03:04	
ron	8400		50		ug/L		08/12/15 14:09	08/13/15 03:04	
lagnesium	79000		500		ug/L			08/13/15 03:04	
otassium	9400		1000		ug/L			08/13/15 03:04	
Sodium	75000		1000	480	ug/L		08/12/15 14:09	08/13/15 03:04	
flethod: 200.7 Rev 4.4 - Mo		solved Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Díl F
luminum, Dissolved	24		200		ug/L	<u>u</u>	08/12/15 14:09	08/13/15 02:23	DILL
alcium, Dissolved	180000	J	500		ug/L		08/12/15 14:09	08/13/15 02:23	
on, Dissolved	180000	13	500		ug/L			08/13/15 02:23	
otassium. Dissolved	6000	0	1000		ug/L ug/L			08/13/15 02:23	
•			500		_			08/13/15 02:23	
lagnesium, Dissolved odium, Dissolved	75000 75000		1000		ug/L ug/L			08/13/15 02:23	
oaium, Dissoivea	75000		1000	400	uyı		00/12/15 14:09	00/13/13 02.23	
Method: 200.8 - Metals (IC	P/MS)								
nalyte		Qualifier	RL	MDL		D	Prepared	Analyzed	DII F
ntimony	0.40	Ū	1.0	0.40	ug/L	***************************************	08/12/15 14:09	08/13/15 05:31	- AMARICAN PROPERTY OF THE PERSON NAMED IN COLUMN TO PERSON NAMED IN C
rsenic	4.9		1.0	0.37	ug/L		08/12/15 14:09	08/13/15 05:31	
arium	180		2.0	0.14	ug/L		08/12/15 14:09	08/13/15 05:31	
eryllium	0.59		0.40	0.15	ug/L		08/12/15 14:09	08/13/15 05:31	
admium	0.22		0.10	0.043	ug/L		08/12/15 14:09	08/13/15 05:31	
hromium	8.0		2.0	1.0	ug/L		08/12/15 14:09	08/13/15 05:31	
obalt	3.9		0.40	0.12	ug/L		08/12/15 14:09	08/13/15 05:31	
opper	11		1.0	0.50	ug/L		08/12/15 14:09	08/13/15 05:31	
ead	7.6		0.30	0.060	ug/L		08/12/15 14:09	08/13/15 05:31	
langanese	310		2.5	1.2	ug/L		08/12/15 14:09	08/13/15 05:31	
ickel	13		1.0	0.40	ug/L		08/12/15 14:09	08/13/15 05:31	
elenium	3.3		2.0	0.58	ug/L		08/12/15 14:09	08/13/15 05:31	
ilver	0.10	U	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 05:31	
hallium	0.26		0.20	0.10	-		08/12/15 14:09	08/13/15 05:31	
anadium	24		1.0	0.30	ug/L		08/12/15 14:09	08/13/15 05:31	
inc	36		20		ug/L		08/12/15 14:09	08/13/15 05:31	
lolybdenum	4.5		1.0	0.45			08/12/15 14:09		
-	D(#40)								
Tethod: 200.8 - Metals (IC		ed Qualifier	RL	MDL	Linit	D	Prepared	Analyzed	Dil F
nalyte ntimony, Dissolved	0.40		1.0	0.40		<u>U</u>	08/12/15 14:09	08/13/15 03:57	
rsenic, Dissolved	1.3	•	1.0	0.40			08/12/15 14:09	08/13/15 03:57	
arium, Dissolved	86		2.0	0.14	-		08/12/15 14:09	08/13/15 03:57	
eryllium, Dissolved	0.15		0.40	0.14			08/12/15 14:09		
admium, Dissolved	0.043		0.40	0.13	-		08/12/15 14:09		
hromium, Dissolved	1.0		2.0		ug/L ug/L			08/13/15 03:57	
obalt, Dissolved	1.4	J	0.40	0.12	-			08/13/15 03:57	
opait, Dissolved	1.4 2.5		1.0	0.12				08/13/15 03:57	
·	0.060		0.30	0.060	-			08/13/15 03:57	
ead, Dissolved		U			-				
langanese, Dissolved lolybdenum, Dissolved	3.7 3.4		2.5 1.0		ug/L ug/L			08/13/15 03:57 08/13/15 03:57	

TestAmerica Savannah

Client: Weston Solutions, Inc.

Date Collected: 08/11/15 12:20

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJMC-081115-11

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-19

. Matrix: Water

Date Received: 08/12/15 09:46 Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued) RL D Dil Fac Analyte Result Qualifier MDL Unit Prepared Analyzed 2.0 Selenium, Dissolved 2.0 0.58 ug/L 08/12/15 14:09 08/13/15 03:57 Silver, Dissolved 0.10 U 1.0 0.10 ug/L 08/12/15 14:09 08/13/15 03:57 1 0.20 Thallium, Dissolved 0.10 U 0.10 ug/L 08/12/15 14:09 08/13/15 03:57 Vanadium, Dissolved 1.0 0.30 ug/L 08/12/15 14:09 08/13/15 03:57 2.3 Zinc, Dissolved 2.8 U 20 2.8 ug/L 08/12/15 14:09 08/13/15 03:57 Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation Analyte D Dil Fac Result Qualifier **RL** Unit Prepared Analyzed 3,3 **Total Hardness** 840 3.3 mg/L 08/13/15 12:09 Method: 245.1 - Mercury (CVAA) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Mercury 0.080 U ^ 0.20 08/12/15 13:18 08/12/15 21:23 0.080 ug/L Method: 245.1 - Mercury (CVAA) - Dissolved Result Qualifier RL. MDL Unit D Analyzed Dil Fac Prepared Mercury, Dissolved 0.080 U 0.20 0.080 ug/L 08/12/15 13:18 08/12/15 20:55 **General Chemistry** Analyte Result Qualifier NONE **NONE Unit** D Prepared Analyzed **Dil Fac** pH 8.32 SU 08/13/15 01:12 Analyte Result Qualifier RL. RL Unit D Prepared Analyzed Dil Fac **Alkalinity** 210 5.0 5.0 mg/L 08/13/15 01:12 29 08/12/15 14:02 **Total Suspended Solids** 550 29 mg/L

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJME-081115-11 Lab Sample ID: 680-115487-20

Date Collected: 08/11/15 13:30 Matrix: Water

Date Received: 08/12/15 09:4	16			gelekklonskkom oli Nordilos dalas seksekse	dia minara kana mina ana akuna ayaina ak		***************************************	
Method: 200.7 Rev 4.4 - Met	tals (ICP) Res <u>ult_Q</u> ualifier_	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	5600 J	200	24			08/12/15 14:09	08/13/15 02:46	D11 1.0
Calcium	62000	500		ug/L		08/12/15 14:09	08/13/15 02:46	
Iron	4800	50		ug/L		08/12/15 14:09		
Vagnesium	9100	500		ug/L			08/13/15 02:46	
Potassium	3600 丁	1000		ug/L			08/13/15 02:46	
Sodium	22000	1000		ug/L			08/13/15 02:46	
Method: 200.7 Rev 4.4 - Met	ale (ICP) - Dissolved							
Analyte	Result Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum, Dissolved	= (24 U)U J	200	24			08/12/15 14:09	08/13/15 02:06	
Calcium, Dissolved	59000	500		ug/L			08/13/15 02:06	
ron, Dissolved	17 U U T	50		ug/L			08/13/15 02:06	
Potassium, Dissolved	2400 J	1000		ug/L			08/13/15 02:06	
Magnesium, Dissolved	7900	500		ug/L			08/13/15 02:06	
Sodium, Dissolved	22000	1000		ug/L			08/13/15 02:06	
Method: 200.8 - Metals (ICP)	/MS)							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Antimony	0.40 U	1.0	0.40	ug/L		08/12/15 14:09	08/13/15 05:23	
Arsenic	1.7	1.0		ug/L		08/12/15 14:09	08/13/15 05:23	
Barium	170 3	2.0	0.14	ug/L		08/12/15 14:09	08/13/15 05:23	
Beryllium	0.31_1	0.40		ug/L		08/12/15 14:09	08/13/15 05:23	
Cadmium	(0.043 UL 3)	0.10	0.043	ug/L		08/12/15 14:09	08/13/15 05:23	
Chromium	(4.1)	2.0		ug/L		08/12/15 14:09	08/13/15 05:23	
Cobalt	2.3	0.40		ug/L			08/13/15 05:23	
Copper	7.7	1.0		ug/L			08/13/15 05:23	
-ead	10 🕇	0.30	0.060				08/13/15 05:23	
Manganese	130 丁	2.5		ug/L			08/13/15 05:23	
lickel	130 <u>丁</u> 3.9 <u>丁</u>	1.0	0.40	-		08/12/15 14:09	08/13/15 05:23	
Selenium	2.6	2.0	0.58	ug/L		08/12/15 14:09	08/13/15 05:23	
Silver	0.10 U	1.0	0.10	=			08/13/15 05:23	
Fhallium	0.10 U	0.20	0.10	ug/L		08/12/15 14:09	08/13/15 05:23	
/anadium	9.2	1.0	0.30			08/12/15 14:09	08/13/15 05:23	
Zinc	23 丁	20		ug/L		08/12/15 14:09	08/13/15 05:23	
Molybdenum	1.4	1.0	0.45			08/12/15 14:09	08/13/15 05:23	
Method: 200.8 - Metals (ICP/	/MS) - Dissolved							
Analyte `	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Antimony, Dissolved	0.40 U	1.0	0.40	ug/L		08/12/15 14:09	08/13/15 03:41	***************************************
Arsenic, Dissolved	0.72 J	1.0	0.37	ug/L		08/12/15 14:09	08/13/15 03:41	
Barium, Dissolved	80 <u>T</u>	2.0	0.14	ug/L		08/12/15 14:09	08/13/15 03:41	
Beryllium, Dissolved	0.15 U	0.40	0.15	ug/L		08/12/15 14:09	08/13/15 03:41	
Cadmium, Dissolved	0.047 J	0.10	0.043	ug/L		08/12/15 14:09	08/13/15 03:41	
Chromium, Dissolved	1.0 U U J	2.0	1.0	ug/L		08/12/15 14:09	08/13/15 03:41	
Cobalt, Dissolved	1.3 J	0.40	0.12	ug/L		08/12/15 14:09	08/13/15 03:41	
Copper, Dissolved	1.5 J	1.0	0.50	ug/L		08/12/15 14:09	08/13/15 03:41	
ead, Dissolved	0.060 U U	0.30	0.060	ug/L		08/12/15 14:09	08/13/15 03:41	
flanganese, Dissolved	10 J	2.5		ug/L		08/12/15 14:09		
Nolybdenum, Dissolved	1.4	1.0	0.45	ug/L		08/12/15 14:09		
Nickel, Dissolved	1.3 J	1.0	0.40	ug/L		08/12/15 14:09		
	•							

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-20

Matrix: Water

Client Sample ID: SJME-081115-11

Date Collected: 08/11/15 13:30 Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.77	J	2.0	0.58	ug/L		08/12/15 14:09	08/13/15 03:41	,
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 03:41	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 14:09	08/13/15 03:41	1
Vanadium, Dissolved	0.88	J	1.0	0.30	ug/L		08/12/15 14:09	08/13/15 03:41	•
Zinc, Dissolved	2.8	u us	20	2.8	ug/L		08/12/15 14:09	08/13/15 03:41	1
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by	calculation	1					
Analyte		Qualifier	RL.		Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	190	**************************************	3.3	3.3	mg/L	aranamatan da		08/13/15 12:09	
Method: 245.1 - Mercury (CV	'AA)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	(0.080	U^	0.20	0.080	ug/L		08/12/15 13:18	08/12/15 21:17	***************************************
Method: 245.1 - Mercury (CV	'AA) - Dissolv	red .							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	Ū	0.20	0.080	ug/L		08/12/15 13:18	08/12/15 20:42	
General Chemistry									
Analyte	Result	Qyalifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
рН	8.27	HF)			SU			08/13/15 01:19	***************************************
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	98	grammanis/draphaluisis/hamis/hamis	5.0	5.0	mg/L			08/13/15 01:19	
Total Suspended Solids	180	- fr	14	14	mg/L			08/12/15 14:02	

Client: Weston Solutions, Inc.

Date Collected: 08/11/15 13:35

Date Received: 08/12/15 09:46

Project/Site: Gold King Mine - Region 9

Method: 200.7 Rev 4.4 - Metals (ICP)

Client Sample ID: SJME-081115-12

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-21

Matrix: Water

Metilou. 200./ Nev 4.4 - Meta	, -	pro. 4	2 dan *	* 4 . *4	·-			m 11
Analyte	Result Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fac
Aluminum	24 U N J	200		ug/L		08/12/15 13:31	08/12/15 22:05	1
Calcium	60000	500		ug/L		08/12/15 13:31	08/12/15 22:05	1
Iron	17 U) U)	50		ug/L		08/12/15 13:31	08/12/15 22:05	1
Magnesium	8200	500		ug/L		08/12/15 13:31	08/12/15 22:05	1
Potassium	ال 2500	1000		ug/L		08/12/15 13:31	08/12/15 22:05	1
Sodium	21000	1000	480	ug/L		08/12/15 13:31	08/12/15 22:05	1
Method: 200.7 Rev 4.4 - Meta								
Analyte	Result Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	9300	200	24	ug/L		08/12/15 14:09	08/13/15 02:37	1
Calcium, Dissolved	65000	500		ug/L			08/13/15 02:37	1
Iron, Dissolved	8700	50		ug/L		08/12/15 14:09	08/13/15 02:37	1
Potassium, Dissolved	(4600) 丁	1000		ug/L		08/12/15 14:09	08/13/15 02:37	1
Magnesium, Dissolved	10000	500	33	ug/L		08/12/15 14:09	08/13/15 02:37	1
Sodium, Dissolved	21000	1000	480	ug/L		08/12/15 14:09	08/13/15 02:37	1
Method: 200.8 - Metals (ICP/	MS)							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40 U	1.0	0.40	ug/L	***************************************	08/12/15 13:31	08/12/15 21:38	1
Arsenic	0.99 J	1.0	0.37	ug/L		08/12/15 13:31	08/12/15 21:38	1
Barium	81 J.	2.0	0.14	ug/L		08/12/15 13:31	08/12/15 21:38	1
Beryllium	0.15 U UJ	0.40	0.15	ug/L		08/12/15 13:31	08/12/15 21:38	1
Cadmium	0.043 U	0.10	0.043	ug/L		08/12/15 13:31	08/12/15 21:38	1
Chromium	(0 U) 4)	2.0	1.0	ug/L		08/12/15 13:31	08/12/15 21:38	1
Cobalt	0.29 J	0.40	0.12	ug/L		08/12/15 13:31	08/12/15 21:38	1
Copper	1.6	1.0	0.50	ug/L		08/12/15 13:31	08/12/15 21:38	1
Lead	0.060 U UT	0.30	0.060	ug/L		08/12/15 13:31	08/12/15 21:38	1
Manganese	3.4	2.5	1.2	ug/L		08/12/15 13:31	08/12/15 21:38	1
Nickel	1.1 丁	1.0	0.40	ug/L		08/12/15 13:31	08/12/15 21:38	1
Selenium	0.94 JB	2.0	0.58	ug/L		08/12/15 13:31	08/12/15 21:38	1
Silver	0.10 U	1.0	0.10	ug/L		08/12/15 13:31	08/12/15 21:38	1
Thallium	0.10 U	0.20	0.10	ug/L		08/12/15 13:31	08/12/15 21:38	1
Vanadium	0.88 J	1.0	0.30	-		08/12/15 13:31	08/12/15 21:38	1
Zinc	2.8 U UT	20		ug/L		08/12/15 13:31	08/12/15 21:38	1
Molybdenum	1.4	1.0	0.45			08/12/15 13:31	08/12/15 21:38	1
Method: 200.8 - Metals (ICP/I	MS) - Dissolved							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40 U	1.0	0.40			08/12/15 14:09	A CONTRACTOR OF THE PARTY OF TH	1
Arsenic, Dissolved	3.1 J_	1.0	0.37	-		08/12/15 14:09		1
Barium, Dissolved	270	2.0	0.14			08/12/15 14:09		1
Beryllium, Dissolved	0.61	0.40	0.15			08/12/15 14:09		1
Cadmium, Dissolved	0.051 J	0.10	0.043			08/12/15 14:09		1
Chromium, Dissolved		2.0		ug/L		08/12/15 14:09		1
Cobalt, Dissolved	47 5	0.40	0.12			08/12/15 14:09		1
Copper, Dissolved	12 寸	1.0	0.50			08/12/15 14:09		1
Lead, Dissolved	12 J 17 J 320 J	0.30	0.060			08/12/15 14:09		1
Manganese, Dissolved	320	2.5		ug/L		08/12/15 14:09		1
Molybdenum, Dissolved	1.4	1.0	0.45			08/12/15 14:09		1
morgodenami, piesoweu	£ 193	1.0	0.40	ugru		UUI 121 10 14.08	JULIU 10 04.01	1

TestAmerica Savannah

1.0

0.40 ug/L

6.6

Nickel, Dissolved

08/12/15 14:09 08/13/15 04:01

Client: Weston Solutions, Inc.

Date Collected: 08/11/15 13:35

Date Received: 08/12/15 09:46

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJME-081115-12

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-21

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.97	J	2.0	0.58	ug/L		08/12/15 14:09	08/13/15 04:01	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 04:01	1
Thallium, Dissolved	0.11	J	0.20	0.10	ug/L		08/12/15 14:09	08/13/15 04:01	1
Vanadium, Dissolved	16	J	1.0	0.30	ug/L		08/12/15 14:09	08/13/15 04:01	1
Zinc, Dissolved	42	5	20	2.8	ug/L		08/12/15 14:09	08/13/15 04:01	1
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by	/ calculation	1					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	180		3.3	3.3	mg/L	***************************************		08/13/15 12:09	1
Method: 245.1 - Mercury (C'	VAA)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	Ū	0.20	0.080	ug/L	vermenter With	08/12/15 16:44	08/13/15 00:51	
Method: 245.1 - Mercury (C)	VAA) - Dissolv	/ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	Ū	0.20	0.080	ug/L		08/12/15 13:18	08/12/15 21:04	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
рН	8.25	作ナ	****	***************************************	SU		***************************************	08/13/15 01:26	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	98	7	5.0	5.0	mg/L			08/13/15 01:26	1
Total Suspended Solids	660	1	11	11	mg/L			08/12/15 14:02	

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-22

Client Sample ID: MECT-081115-11 Date Collected: 08/11/15 13:45 Matrix: Water

Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
Numinum	3000		200	24	ug/L		08/12/15 13:31	08/13/15 00:31	***************************************
Calcium	77000		500	25	ug/L		08/12/15 13:31	08/13/15 00:31	
on	1400		50	17	ug/L		08/12/15 13:31	08/13/15 00:31	
Magnesium	8300		500	33	ug/L		08/12/15 13:31	08/13/15 00:31	
otassium	3900		1000	17	ug/L		08/12/15 13:31	08/13/15 00:31	
Sodium	30000		1000	480	ug/L		08/12/15 13:31	08/13/15 00:31	
Method: 200.7 Rev 4.4 - Meta	als (ICP) - Dis	solved							
nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
luminum, Dissolved	24	Ū	200	24	ug/L		08/12/15 13:31	08/12/15 22:31	***************************************
alcium, Dissolved	48000		500	25	ug/L		08/12/15 13:31	08/12/15 22:31	
on, Dissolved	17	U	50	17	ug/L		08/12/15 13:31	08/12/15 22:31	
otassium, Dissolved	2800		1000	17	ug/L		08/12/15 13:31	08/12/15 22:31	
lagnesium, Dissolved	5400		500	33	ug/L		08/12/15 13:31	08/12/15 22:31	
odium, Dissolved	28000		1000	480	ug/L		08/12/15 13:31	08/12/15 22:31	
/lethod: 200.8 - Metals (ICP/	MS)								
nalyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil I
ntimony	0.40	Ū	1.0	0.40	ug/L	******	08/12/15 13:31	08/12/15 23:51	**************
rsenic	2.8	,	1.0	0.37	ug/L		08/12/15 13:31	08/12/15 23:51	
arium	290		2.0	0.14	ug/L		08/12/15 13:31	08/12/15 23:51	
eryllium	1.9		0.40	0.15	ug/L		08/12/15 13:31	08/12/15 23:51	
admium	0.18		0.10	0.043	ug/L		08/12/15 13:31	08/12/15 23:51	
hromium	1.0	U	2.0	1.0	ug/L		08/12/15 13:31	08/12/15 23:51	
obalt	7.6		0.40	0.12	ug/L		08/12/15 13:31	08/12/15 23:51	
opper	15		1.0	0.50	ug/L		08/12/15 13:31	08/12/15 23:51	
ead	11		0.30	0.060	ug/L		08/12/15 13:31	08/12/15 23:51	
langanese	700		2.5	1.2	ug/L		08/12/15 13:31	08/12/15 23:51	
ickel	5.2		1.0	0.40	ug/L		08/12/15 13:31	08/12/15 23:51	
elenium	1.2	JB	2.0	0.58	ug/L		08/12/15 13:31	08/12/15 23:51	
ilver	0.10		1.0	0.10	-		08/12/15 13:31	08/12/15 23:51	
hallium	0.10	U	0.20	0.10	-		08/12/15 13:31	08/12/15 23:51	
'anadium	12		1.0	0.30	-		08/12/15 13:31		
inc	29		20		ug/L			08/12/15 23:51	
lolybdenum	0.68	- i)	1.0	0.45				08/12/15 23:51	
lethod: 200.8 - Metals (ICP/I	MS) - Dissolv	ed							
nalyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dill
ntimony, Dissolved	0.40		1.0	0.40	-		08/12/15 13:31	08/12/15 22:02	
rsenic, Dissolved	0.83	J	1.0		ug/L		08/12/15 13:31	08/12/15 22:02	
arium, Dissolved	68		2.0	0.14	-		08/12/15 13:31	08/12/15 22:02	
eryllium, Dissolved	0.15		0.40	0.15			08/12/15 13:31	08/12/15 22:02	
admium, Dissolved	0.043		0.10	0.043	-		08/12/15 13:31		
hromium, Dissolved	1.0	U	2.0		ug/L		08/12/15 13:31	08/12/15 22:02	
obalt, Dissolved	0.75		0.40	0.12	-		08/12/15 13:31	08/12/15 22:02	
opper, Dissolved	1.9		1.0	0.50	ug/L		08/12/15 13:31	08/12/15 22:02	
ead, Dissolved	0.14	J	0.30	0.060	ug/L		08/12/15 13:31	08/12/15 22:02	
langanese, Dissolved	2.2		2.5	1.2	ug/L		08/12/15 13:31	08/12/15 22:02	
lolybdenum, Dissolved	1.7	2	1.0	0.45	ua/l		08/12/15 13:31	08/12/15 22:02	
norypaerium, produktu	***			00					

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-22

Matrix: Water

Client Sample ID: MECT-081115-11 Date Collected: 08/11/15 13:45

Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	1.4	JB	2.0	0.58	ug/L		08/12/15 13:31	08/12/15 22:02	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 13:31	08/12/15 22:02	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 13:31	08/12/15 22:02	1
Vanadium, Dissolved	1.6		1.0	0.30	ug/L		08/12/15 13:31	08/12/15 22:02	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 13:31	08/12/15 22:02	1
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by	y calculation	1					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	230		3.3	3.3	mg/L			08/13/15 12:09	1
Method: 245.1 - Mercury (C	VAA)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	Ū	0.20	0.080	ug/L		08/12/15 16:44	08/13/15 01:04	1
Method: 245.1 - Mercury (C	VAA) - Dissolv	/ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	Ū	0.20	0.080	ug/L		08/12/15 16:44	08/12/15 23:54	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.23	ザナ			SU		we want to the second s	08/13/15 01:33	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	92		5.0	5.0	mg/L			08/13/15 01:33	1
Total Suspended Solids	2700		50	50	mg/L			08/12/15 14:02	

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-23

Matrix: Water

Client Sample ID: SJFP-081115-11
Date Collected: 08/11/15 13:45

Date	Received:		
***************************************		·——	*

Method: 200.7 Rev 4.4 - Met	tals (ICP)								
Analyte		Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	9200		200	24	ug/L	***************************************	08/12/15 14:09	08/13/15 00:49	***************************************
Calcium	61000		500	25	ug/L		08/12/15 14:09	08/13/15 00:49	
Iron	8300		50	17	ug/L		08/12/15 14:09	08/13/15 00:49	
Magnesium	9400		500	33	ug/L		08/12/15 14:09	08/13/15 00:49	
Potassium	4500		1000	17	ug/L		08/12/15 14:09	08/13/15 00:49	
Sodium	20000		1000	480	ug/L		08/12/15 14:09	08/13/15 00:49	
Method: 200.7 Rev 4.4 - Met	tals (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum, Dissolved	24	Ū	200	24	ug/L	***************************************	08/12/15 14:09	08/13/15 01:52	
Calcium, Dissolved	56000		500	25	ug/L		08/12/15 14:09	08/13/15 01:52	
Iron, Dissolved	17	U	50	17	ug/L		08/12/15 14:09	08/13/15 01:52	
Potassium, Dissolved	2400		1000	17	ug/L		08/12/15 14:09	08/13/15 01:52	
Magnesium, Dissolved	7400		500	33	ug/L		08/12/15 14:09	08/13/15 01:52	
Sodium, Dissolved	20000		1000	480	ug/L		08/12/15 14:09	08/13/15 01:52	
Method: 200.8 - Metals (ICP	/MS)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 14:09	08/13/15 04:25	***************************************
Arsenic	3.0		1.0	0.37	ug/L		08/12/15 14:09	08/13/15 04:25	
Barium	270		2.0	0.14	ug/L		08/12/15 14:09	08/13/15 04:25	
Beryllium	0.57		0.40	0.15	ug/L		08/12/15 14:09	08/13/15 04:25	
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 14:09	08/13/15 04:25	
Chromium	5.6		2.0	1.0	ug/L		08/12/15 14:09	08/13/15 04:25	
Cobalt	4.4		0.40	0.12	ug/L		08/12/15 14:09	08/13/15 04:25	
Copper	12		1.0	0.50	ug/L		08/12/15 14:09	08/13/15 04:25	
Lead	16		0.30	0.060	ug/L		08/12/15 14:09	08/13/15 04:25	
Manganese	270		2.5	1.2	ug/L		08/12/15 14:09	08/13/15 04:25	
Nickel	6.2		1.0	0.40	ug/L		08/12/15 14:09	08/13/15 04:25	
Selenium	1.0	J	2.0	0.58	ug/L		08/12/15 14:09	08/13/15 04:25	
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 04:25	
Thallium	0.11	J	0.20	0.10	ug/L		08/12/15 14:09	08/13/15 04:25	
Vanadium	15		1.0	0.30	ug/L		08/12/15 14:09	08/13/15 04:25	
Zinc	42		20		ug/L		08/12/15 14:09	08/13/15 04:25	
Molybdenum	1.4		1.0	0.45	ug/L		08/12/15 14:09	08/13/15 04:25	
Method: 200.8 - Metals (ICP	/MS) - Dissolv	ed							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Antimony, Dissolved	0.40	Ū	1.0		ug/L		08/12/15 14:09	08/13/15 03:37	
Arsenic, Dissolved	0.56	J	1.0	0.37	ug/L		08/12/15 14:09	08/13/15 03:37	
Barium, Dissolved	74		2.0	0.14	ug/L		08/12/15 14:09	08/13/15 03:37	
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/12/15 14:09	08/13/15 03:37	
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/12/15 14:09	08/13/15 03:37	
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/12/15 14:09	08/13/15 03:37	
Cobalt, Dissolved	1.4		0.40	0.12	ug/L		08/12/15 14:09	08/13/15 03:37	
Copper, Dissolved	1.8		1.0		ug/L		08/12/15 14:09	08/13/15 03:37	
Lead, Dissolved	0.060	U	0.30	0.060	-		08/12/15 14:09	08/13/15 03:37	
Manager Disease	40		2.5	4.2	· · all		00/40/45 44:00	00140145 00.07	

TestAmerica Savannah

8/13/2015

1

2.5

1.0

1.0

1.2 ug/L

0.45 ug/L

0.40 ug/L

18

1.3

1.1

Manganese, Dissolved

Nickel, Dissolved

Molybdenum, Dissolved

08/12/15 14:09 08/13/15 03:37

08/12/15 14:09 08/13/15 03:37

08/12/15 14:09 08/13/15 03:37

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJFP-081115-11 Lab Sample ID: 680-115487-23

Date Collected: 08/11/15 13:45 Matrix: Water

Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.58	Ū	2.0	0.58	ug/L	menundere Fran	08/12/15 14:09	08/13/15 03:37	
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 03:37	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 14:09	08/13/15 03:37	
Vanadium, Dissolved	1.0		1.0	0.30	ug/L		08/12/15 14:09	08/13/15 03:37	•
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 14:09	08/13/15 03:37	
Method: 2340B-2011 - Tota	l Hardness (as	CaCO3) b	y calculation	n					
Analyte		Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	190	**************************************	3.3	3.3	mg/L			08/13/15 12:09	
Method: 245.1 - Mercury (C	VAA)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.080	Ū	0.20	0.080	ug/L		08/12/15 13:18	08/12/15 20:11	
Method: 245.1 - Mercury (C	VAA) - Dissolv	/ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	Ū	0.20	0.080	ug/L		08/12/15 13:18	08/12/15 20:39	***************************************
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
pH	8.27	HF)	***************************************		SU	***************************************		08/13/15 01:40	
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	92		5.0	5.0	mg/L		**************************************	08/13/15 01:40	
Total Suspended Solids	640		14		mg/L			08/12/15 14:02	

Client: Weston Solutions, Inc.

Date Collected: 08/11/15 13:05

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJHB-081115-11

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-24

Matrix: Water

ate Received: 08/12/15 09:4	16		······································						
Method: 200.7 Rev 4.4 - Me	tals (ICP)								
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Aluminum	270000		200	24	ug/L		08/12/15 14:09	08/13/15 02:28	***************************************
Calcium	280000		500	25	ug/L		08/12/15 14:09	08/13/15 02:28	
ron	140000		50	17	ug/L		08/12/15 14:09	08/13/15 02:28	
//agnesium	94000		500	33	ug/L		08/12/15 14:09	08/13/15 02:28	
otassium	73000		10000	170	ug/L		08/12/15 14:09	08/13/15 10:24	
Sodium	65000		1000	480	ug/L		08/12/15 14:09	08/13/15 02:28	
Nethod: 200.7 Rev 4.4 - Met	tals (ICP) - Dis	solved							
nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
luminum, Dissolved	1800		200	24	ug/L		08/12/15 14:09	08/13/15 02:19	***************************************
alcium, Dissolved	40000		500	25	ug/L		08/12/15 14:09	08/13/15 02:19	
on, Dissolved	840		50	17	ug/L		08/12/15 14:09	08/13/15 02:19	
otassium, Dissolved	4200		1000	17	ug/L		08/12/15 14:09	08/13/15 02:19	
agnesium, Dissolved	6800		500	33	ug/L		08/12/15 14:09	08/13/15 02:19	
odium, Dissolved	52000		1000	480	ug/L		08/12/15 14:09	08/13/15 02:19	
ethod: 200.8 - Metals (ICP									
nalyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dill
timony	0.40	U	1.0	0.40	ug/L		08/12/15 14:09	08/13/15 05:03	
senic	26		1.0	0.37	ug/L		08/12/15 14:09	08/13/15 05:03	
rium	2600	e J	2.0	0.14	ug/L		08/12/15 14:09	08/13/15 05:03	
eryllium	12	_	0.40	0.15	ug/L		08/12/15 14:09	08/13/15 05:03	
ıdmium	0.45		0.10	0.043	ug/L		08/12/15 14:09	08/13/15 05:03	
nromium	150		2.0	1.0	ug/L		08/12/15 14:09	08/13/15 05:03	
balt	73		0.40	0.12	ug/L		08/12/15 14:09	08/13/15 05:03	
opper	110		1.0	0.50	ug/L		08/12/15 14:09	08/13/15 05:03	
ead	130		0.30	0.060			08/12/15 14:09	08/13/15 05:03	
anganese	3400		2.5		ug/L		08/12/15 14:09	08/13/15 05:03	
ckel	140		1.0		ug/L			08/13/15 05:03	
elenium	6.0		2.0		ug/L			08/13/15 05:03	
lver	0.63	J	1.0		ug/L			08/13/15 05:03	
nallium	1.8	-	0.20		ug/L			08/13/15 05:03	
ınadium	230		1.0		ug/L			08/13/15 05:03	
nc	340		20		ug/L			08/13/15 05:03	
olybdenum	2.0	J	1.0		ug/L			08/13/15 05:03	
lethod: 200.8 - Metals (ICP	/MS) - Dissolv	ed							
nalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
ntimony, Dissolved	0.40	J	1.0	0.40	ug/L		08/12/15 14:09	08/13/15 03:53	***************************************
senic, Dissolved	1.9		1.0	0.37	ug/L		08/12/15 14:09	08/13/15 03:53	
arium, Dissolved	160		2.0	0.14	ug/L		08/12/15 14:09	08/13/15 03:53	
ryllium, Dissolved	0.15	υ	0.40	0.15	ug/L		08/12/15 14:09	08/13/15 03:53	
admium, Dissolved	0.043		0.10	0.043			08/12/15 14:09	08/13/15 03:53	
romium, Dissolved	1.2		2.0		ug/L		08/12/15 14:09	08/13/15 03:53	
obalt, Dissolved	1.4		0.40		ug/L				
opper, Dissolved	3.4		1.0		ug/L			08/13/15 03:53	
ead, Dissolved	0.56		0.30	0.060				08/13/15 03:53	
anganese, Dissolved	16		2.5		ug/L			08/13/15 03:53	
olybdenum, Dissolved	2.6	ブ	1.0		ug/L			08/13/15 03:53	
my marrially maddered		_		J J	~g· –				

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1.0

1.8

0.40 ug/L

8/13/2015

Nickel, Dissolved

08/12/15 14:09 08/13/15 03:53

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJHB-081115-11 Lab Sample ID: 680-115487-24

Date Collected: 08/11/15 13:05 Matrix: Water

Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/12/15 14:09	08/13/15 03:53	
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 03:53	•
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 14:09	08/13/15 03:53	
Vanadium, Dissolveđ	11		1.0	0.30	ug/L		08/12/15 14:09	08/13/15 03:53	
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 14:09	08/13/15 03:53	
Method: 2340B-2011 - Tota	ıl Hardness (as	CaCO3) by	/ calculatio	n					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	1100		3.3	3.3	mg/L	anadranar mana	***************************************	08/13/15 12:09	
Method: 245.1 - Mercury (C	CVAA)								
Analyte	Result	Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.20	***************************************	0.20	0.080	ug/L	Managements Notes	08/12/15 13:18	08/12/15 20:58	***************************************
Method: 245.1 - Mercury (C	CVAA) - Dissolv	/ed							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/12/15 13:18	08/12/15 20:52	Amerikan kapan dapah dapah pendan dapah da
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
pH	8.30	HF	haziminini jiriya waka kaleeda ka	······································	SU			08/13/15 01:46	***************************************
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	110		5.0	5.0	mg/L			08/13/15 01:46	

Client: Weston Solutions, Inc.

Date Collected: 08/11/15 11:40

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJDS-081115-11

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-25

Matrix: Water

Method: 200.7 Rev 4.4 - Met	als (ICP)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	64000		200	24	•		08/12/15 14:09	08/13/15 01:43	***************************************
Calcium	81000		500	25	ug/L		08/12/15 14:09	08/13/15 01:43	
lron	53000		50	17	ug/L		08/12/15 14:09	08/13/15 01:43	
Magnesium	21000		500	33	ug/L		08/12/15 14:09	08/13/15 01:43	
Potassium	13000		1000	17	ug/L		08/12/15 14:09	08/13/15 01:43	
Sodium	39000		1000	480	ug/L		08/12/15 14:09	08/13/15 01:43	
Method: 200.7 Rev 4.4 - Met	als (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Aluminum, Dissolved	69	J	200	24	ug/L		08/12/15 14:09	08/13/15 01:16	***************************************
Calcium, Dissolved	53000		500	25	ug/L		08/12/15 14:09	08/13/15 01:16	
Iron, Dissolved	34	J	50	17	ug/L		08/12/15 14:09	08/13/15 01:16	
Potassium, Dissolved	3100		1000	17	ug/L		08/12/15 14:09	08/13/15 01:16	
Magnesium, Dissolved	7000		500	33	ug/L		08/12/15 14:09	08/13/15 01:16	
Sodium, Dissolved	36000		1000	480	ug/L		08/12/15 14:09	08/13/15 01:16	
Method: 200.8 - Metals (ICP	/MS)								
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
Antimony	0.40	Ū	1.0	0.40	ug/L		08/12/15 14:09	08/13/15 04:50	
Arsenic	12		1.0	0.37	ug/L		08/12/15 14:09	08/13/15 04:50	
Barium	620		2.0	0.14	ug/L		08/12/15 14:09	08/13/15 04:50	
Beryllium	3.6		0.40	0.15	ug/L		08/12/15 14:09	08/13/15 04:50	
Sadmium	0.29		0.10	0.043	ug/L		08/12/15 14:09	08/13/15 04:50	
Chromium	32		2.0	1.0	ug/L		08/12/15 14:09	08/13/15 04:50	
Cobalt	24		0.40	0.12	ug/L		08/12/15 14:09	08/13/15 04:50	
Copper	59		1.0	0.50	ug/L		08/12/15 14:09	08/13/15 04:50	
.ead	58		0.30	0.060	ug/L		08/12/15 14:09	08/13/15 04:50	
/Janganese	1000		2.5	1.2	ug/L		08/12/15 14:09	08/13/15 04:50	
Nickel	30		1.0		ug/L		08/12/15 14:09	08/13/15 04:50	
Selenium	3.4		2.0		ug/L		08/12/15 14:09	08/13/15 04:50	
Silver	0.32	J	1.0	0.10			08/12/15 14:09	08/13/15 04:50	
Thallium	0.63	•	0.20	0.10				08/13/15 04:50	
/anadium	82		1.0		ug/L			08/13/15 04:50	
Zinc	160		20		ug/L			08/13/15 04:50	
Molybdenum	1.2	I	1.0	0.45				08/13/15 04:50	
Method: 200.8 - Metals (ICP	/MS) - Dissolv								
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Antimony, Dissolved	0,40		1.0		ug/L		08/12/15 14:09	08/13/15 03:17	
Arsenic, Dissolved	0.97		1.0		ug/L		08/12/15 14:09	08/13/15 03:17	
Barium, Dissolved	71	***	2.0		ug/L			08/13/15 03:17	
Beryllium, Dissolved	0.15	U	0.40		ug/L			08/13/15 03:17	
Cadmium, Dissolved	0.043		0.10	0.043				08/13/15 03:17	
Chromium, Dissolved	1.0		2.0		ug/L			08/13/15 03:17	
Cobalt, Dissolved	2.1		0.40	0.12				08/13/15 03:17	
·	2.1		1.0		ug/L			08/13/15 03:17	
Copper, Dissolved		1	0.30	0.060				08/13/15 03:17	
ead, Dissolved	0.086	J							
Manganese, Dissolved	5.0		2.5		ug/L			08/13/15 03:17	
Nolybdenum, Dissolved	2.0	5	1.0	0.45	ug/L		06/12/15 14:09	08/13/15 03:17	

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1.0

0.40 ug/L

1.3

8/13/2015

08/12/15 14:09 08/13/15 03:17

Nickel, Dissolved

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-1

Client Sample ID: SJDS-081115-11

Lab Sample ID: 680-115487-25 Date Collected: 08/11/15 11:40 Matrix: Water

Date Received: 08/12/15 09:46

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.97	J	2.0	0.58	ug/L		08/12/15 14:09	08/13/15 03:17	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 03:17	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 14:09	08/13/15 03:17	1
Vanadium, Dissolved	1.8		1.0	0.30	ug/L		08/12/15 14:09	08/13/15 03:17	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 14:09	08/13/15 03:17	1
Method: 2340B-2011 - Tota	l Hardness (as	CaCO3) by	calculation	า					
Analyte	•	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	290	H	3.3	3.3	mg/L			08/13/15 12:09	1
Method: 245.1 - Mercury (C	VAA)								
Analyte	Result	Qualifier	RL	MDL.	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	Ū	0.20	0.080	ug/L	****	08/12/15 13:18	08/12/15 20:27	1
Method: 245.1 - Mercury (C	VAA) - Dissolv	/ed							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/12/15 13:18	08/12/15 20:24	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
рН	8.28	がり			SU			08/13/15 01:53	
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	100	***************************************	5.0	5.0	mg/L		***************************************	08/13/15 01:53	1
Minaminy	100		***						•

Client: Weston Solutions, Inc.

Date Collected: 08/11/15 14:25

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJLP-081115-11

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-26

Matrix: Water

Date Received: 08/12/15 09:46	Now testing a single fee from the real representations on the second space.				,				***************************************
Method: 200.7 Rev 4.4 - Metals	(ICP)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	97000	***************************************	200	24	ug/L		08/12/15 14:09	08/13/15 02:32	1

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	97000	200	24	ug/L		08/12/15 14:09	08/13/15 02:32	1
Calcium	98000	500	25	ug/L		08/12/15 14:09	08/13/15 02:32	1
Iron	75000	50	17	ug/L		08/12/15 14:09	08/13/15 02:32	1
Magnesium	28000	500	33	ug/L		08/12/15 14:09	08/13/15 02:32	1
Potassium	18000	1000	17	ug/L		08/12/15 14:09	08/13/15 02:32	1
Sodium	39000	1000	480	ug/L		08/12/15 14:09	08/13/15 02:32	1
	0000							
-								
-		RL		Unit	D	Prepared	Analyzed	Dil Fac
: Method: 200.7 Rev 4.4 - Me	tals (ICP) - Dissolved			Unit	<u>D</u>		Analyzed 08/13/15 01:48	Dil Fac
Method: 200.7 Rev 4.4 - Me Analyte	tals (ICP) - Dissolved Result Qualifier	RL	MDL	Unit ug/L	<u>D</u>	Prepared		Dil Fac
Method: 200.7 Rev 4.4 - Me Analyte Aluminum, Dissolved	tals (ICP) - Dissolved Result Qualifier 32 J	RL 200	MDL 24	Unit ug/L	<u>D</u>	Prepared 08/12/15 14:09	08/13/15 01:48 08/13/15 01:48	Dil Fac
Method: 200.7 Rev 4.4 - Me Analyte Aluminum, Dissolved Calcium, Dissolved	tals (ICP) - Dissolved Result Qualifier 32 J 50000	RL 200 500	MDL 24 25 17	Unit ug/L ug/L	<u>D</u>	Prepared 08/12/15 14:09 08/12/15 14:09	08/13/15 01:48 08/13/15 01:48 08/13/15 01:48	Dil Fac 1 1 1 1
Method: 200.7 Rev 4.4 - Me Analyte Aluminum, Dissolved Calcium, Dissolved Iron, Dissolved	tals (ICP) - Dissolved Result Qualifier 32 50000 17 U	RL 200 500 50	MDL 24 25 17	Unit ug/L ug/L ug/L	<u> </u>	Prepared 08/12/15 14:09 08/12/15 14:09 08/12/15 14:09	08/13/15 01:48 08/13/15 01:48 08/13/15 01:48 08/13/15 01:48	Dil Fac 1 1 1 1 1 1 1

Method: 200.8 - Metals Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 14:09	08/13/15 05:15	1
Arsenic	19		1.0	0.37	ug/L		08/12/15 14:09	08/13/15 05:15	1
Barium	890		2.0	0.14	ug/L		08/12/15 14:09	08/13/15 05:15	1
Beryllium	5.5		0.40	0.15	ug/L		08/12/15 14:09	08/13/15 05:15	1
Cadmium	0.23		0.10	0.043	ug/L		08/12/15 14:09	08/13/15 05:15	1
Chromium	47		2.0	1.0	ug/L		08/12/15 14:09	08/13/15 05:15	1
Cobalt	36		0.40	0.12	ug/L		08/12/15 14:09	08/13/15 05:15	1
Copper	85		1.0	0.50	ug/L		08/12/15 14:09	08/13/15 05:15	1
Lead	76		0.30	0.060	ug/L		08/12/15 14:09	08/13/15 05:15	1
Manganese	1600		2.5	1.2	ug/L		08/12/15 14:09	08/13/15 05:15	1
Nickel	43		1.0	0.40	ug/L		08/12/15 14:09	08/13/15 05:15	1
Selenium	3.9		2.0	0.58	ug/L		08/12/15 14:09	08/13/15 05:15	1
Silver	0.44	J	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 05:15	1
Thallium	0.95		0.20	0.10	ug/L		08/12/15 14:09	08/13/15 05:15	1
Vanadium	120		1.0	0.30	ug/L		08/12/15 14:09	08/13/15 05:15	1
Zinc	230		20	2.8	ug/L		08/12/15 14:09	08/13/15 05:15	1
Molybdenum	1.4		1.0	0.45	ug/L		08/12/15 14:09	08/13/15 05:15	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/12/15 14:09	08/13/15 03:33	1
Arsenic, Dissolved	0.96	J	1.0	0.37	ug/L		08/12/15 14:09	08/13/15 03:33	1
Barium, Dissolved	67		2.0	0.14	ug/L		08/12/15 14:09	08/13/15 03:33	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/12/15 14:09	08/13/15 03:33	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/12/15 14:09	08/13/15 03:33	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/12/15 14:09	08/13/15 03:33	1
Cobalt, Dissolved	2.0		0.40	0.12	ug/L		08/12/15 14:09	08/13/15 03:33	1
Copper, Dissolved	2.3		1.0	0.50	ug/L		08/12/15 14:09	08/13/15 03:33	1
Lead, Dissolved	0.064	J	0.30	0.060	ug/L		08/12/15 14:09	08/13/15 03:33	1
Manganese, Dissolved	3.6		2.5	1.2	ug/L		08/12/15 14:09	08/13/15 03:33	1
Molybdenum, Dissolved	2.0		1.0	0.45	ug/L		08/12/15 14:09	08/13/15 03:33	1
Nickel, Dissolved	1.4		1.0	0.40	ug/L		08/12/15 14:09	08/13/15 03:33	1

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Date Collected: 08/11/15 14:25

Date Received: 08/12/15 09:46

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJLP-081115-11

TestAmerica Job ID: 680-115487-1

Lab Sample ID: 680-115487-26

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.85	J	2.0	0.58	ug/L		08/12/15 14:09	08/13/15 03:33	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 14:09	08/13/15 03:33	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 14:09	08/13/15 03:33	1
Vanadium, Dissolved	1.9		1.0	0.30	ug/L		08/12/15 14:09	08/13/15 03:33	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 14:09	08/13/15 03:33	1
Method: 2340B-2011 - Tota	l Hardness (as	CaCO3) b	y calculatio	n					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	360	***************************************	3.3	3.3	mg/L			08/13/15 12:09	1
Method: 245.1 - Mercury (C	VAA)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	Ū	0.20	0.080	ug/L		08/12/15 13:18	08/12/15 21:01	1
Method: 245.1 - Mercury (C	VAA) - Dissolv	ed							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/12/15 13:18	08/12/15 20:30	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.28	HF)	**************************************		SU		***************************************	08/13/15 02:02	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	110	***************************************	5.0	5.0	mg/L			08/13/15 02:02	1
Total Suspended Solids	3700		100	400	mg/L			08/12/15 14:02	4

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJMC-081015-12

Date Collected: 08/10/15 13:40 Date Received: 08/12/15 09:46 Lab Sample ID: 680-115487-1

Matrix: Water

-	General Chemistry									
	Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Total Dissolved Solids	350		10	10	mg/L	****		08/12/15 15:26	1

TestAmerica Savannah

Page 6 of 49

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJME-081015-11

Date Collected: 08/10/15 14:40 Date Received: 08/12/15 09:46 Lab Sample ID: 680-115487-2

Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	370		10	10	mg/L			08/12/15 15:26	1

TestAmerica Savannah

Page 7 of 49

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJMC-081015-11

Date Collected: 08/10/15 13:35 Date Received: 08/12/15 09:46 Lab Sample ID: 680-115487-3

Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	360	***************************************	10	10	mg/L	 ******		08/12/15 15:26	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJ4C-081015-11 Lab Sample ID: 680-115487-4

Date Collected: 08/10/15 15:05 Matrix: Water

Date Received: 08/12/15 09:46

-	General Chemistry										
	Analyte	Result	Qualifier	RL	RL	Unit	I	D	Prepared	Analyzed	Dil Fac
********	Total Dissolved Solids	390		10	10	mg/L			- debice are an extraor op and or debining for the an additional character and an extraor of the character and an extraor of t	08/12/15 15:26	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJSR-081015-11

Lab Sample ID: 680-115487-5

Date Collected: 08/10/15 12:10 Date Received: 08/12/15 09:46

Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	330		10	10	mg/L			08/12/15 15:26	1

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJFP-081015-11 Lab Sample ID: 680-115487-6

Date Collected: 08/10/15 10:35 Date Received: 08/12/15 09:46

Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	270	***************************************	10	10	mg/L		***************************************	08/12/15 15:26	1

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJBB-081015-11
Date Collected: 08/10/15 12:40

Lab Sample ID: 680-115487-7

Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry
Analyte Result Qualifier RL RL Unit D Prepared Analyzed Dil Fac

 Total Dissolved Solids
 380
 10
 10
 mg/L
 08/12/15 15:26

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Lab Sample ID: 680-115487-8

Client Sample ID: SJMH-081015-11 Date Collected: 08/10/15 11:35 Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry Analyte Result Qualifier RL RL Unit D Prepared Analyzed Dil Fac 10 10 mg/L 08/12/15 15:26 **Total Dissolved Solids** 370

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: MECT-081015-11

Date Collected: 08/10/15 14:15 Date Received: 08/12/15 09:46 Lab Sample ID: 680-115487-9

Analyzed

Matrix: Water

Dil Fac

General Chemistry					
Analyte	Result	Qualifier	RL	RL	Unit
Total Dissolved Solids	1100		10	10	mg/L

10 10 mg/L 08/12/15 15:26

Prepared

D

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJLP-081015-11 Lab Sample ID: 680-115487-10

Date Collected: 08/10/15 09:40 Matrix: Water

Date Received: 08/12/15 09:46

***************************************	General Chemistry									
NAME AND ADDRESS OF THE PARTY O	Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
*	Total Dissolved Solids	260		10	10	mg/L			08/12/15 15:26	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJDS-081015-11 Lab Sample ID: 680-115487-11

Date Collected: 08/10/15 13:25 Date Received: 08/12/15 09:46

Matrix: Water

	General Chemistry									
0000000	Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Total Dissolved Solids	340		10	10	mg/L	notifie:	de de terminario de constituir de la con	08/12/15 15:26	1.

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJHB-081015-11

Date Collected: 08/10/15 11:25 Date Received: 08/12/15 09:46 Lab Sample ID: 680-115487-12

Matrix: Water

-	General Chemistry									
-	Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
-	Total Dissolved Solids	260		10	10	mg/L			08/12/15 16:59	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Date Collected: 08/10/15 11:25 Matrix: Water

Date Received: 08/12/15 09:46

	General Chemistry									
1	Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
i	Total Dissolved Solids	260	400000000000000000000000000000000000000	10	10	mg/L			08/12/15 16:59	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJ4C-081115-11 Lab Sample ID: 680-115487-14

Date Collected: 08/11/15 09:52 Date Received: 08/12/15 09:46 Matrix: Water

General Ch	emistry									
Analyte		Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolv	ed Solids	140		10	10	mg/L	NAME AND ADDRESS OF THE PARTY O	a Namic Mark Mark Mark Mark Mark and consumed that other record and the finding assessment	08/12/15 16:59	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJ4C-081115-12

Date Collected: 08/11/15 09:52 Date Received: 08/12/15 09:46 Lab Sample ID: 680-115487-15

Matrix: Water

General Chemistry

 Analyte
 Result Total Dissolved Solids
 Qualifier
 RL RL Unit
 D Prepared Manalyzed
 Analyzed Dil Fac D

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TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJSR-081115-11 Lab Sample ID: 680-115487-16

Date Collected: 08/11/15 12:35 Date Received: 08/12/15 09:46 Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	290		10	10	mg/L		A CONTRACTOR OF THE PROPERTY O	08/12/15 16:59	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJMH-081115-11 Lab Sample ID: 680-115487-17

Date Collected: 08/11/15 10:35 Date Received: 08/12/15 09:46 Matrix: Water

ate Received: 08/12/15 09:46

General Chemistry								ž.
Analyte	Result Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	350	10	10	mg/L		A Michigan Announce and Announc	08/12/15 16:59	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJBB-081115-11 Lab Sample ID: 680-115487-18

Date Collected: 08/11/15 11:30 Date Received: 08/12/15 09:46 Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	330		10	10	mg/L			08/12/15 16:59	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJMC-081115-11 Lab Sample ID: 680-115487-19

Date Collected: 08/11/15 12:20 Date Received: 08/12/15 09:46 Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1100		10	10	mg/L	MARKETS.		08/12/15 16:59	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJME-081115-11

Date Collected: 08/11/15 13:30 Date Received: 08/12/15 09:46 Lab Sample ID: 680-115487-20

Matrix: Water

Decomposition	General Chemistry							*		
	Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Total Dissolved Solids	280		10	10	mg/L		Alternative the Alexander and	08/12/15 16:59	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJME-081115-12

Date Collected: 08/11/15 13:35 Date Received: 08/12/15 09:46 Lab Sample ID: 680-115487-21

Matrix: Water

General Chemistry

Analyte Result Qualifier RL RL Unit D Prepared Analyzed Dil Fac
Total Dissolved Solids 290 10 10 mg/L 08/12/15 16:59 1

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TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: MECT-081115-11

Date Collected: 08/11/15 13:45 Date Received: 08/12/15 09:46 Lab Sample ID: 680-115487-22

Matrix: Water

	General Chemistry									
-	Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Total Dissolved Solids	310	AND THE PROPERTY OF THE PROPER	10	10	mg/L	vanadav	vilangunasumas keerinasumas amakumunasya keery as keerinasii ee	08/12/15 16:59	1

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJFP-081115-11

TestAmerica Job ID: 680-115487-2

Lab Sample ID: 680-115487-23

Matrix: Water

Date Collected: 08/11/15 13:45 Date Received: 08/12/15 09:46

000000	General Chemistry									
	Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Total Dissolved Solids	300		10	10	mg/L	-		08/12/15 16:59	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJHB-081115-11

Date Collected: 08/11/15 13:05 Date Received: 08/12/15 09:46 Lab Sample ID: 680-115487-24

Matrix: Water

General Chemistry								
Analyte	Result Qualif	fier RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	350	10	10	mg/L	innines		08/12/15 16:59	1

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJDS-081115-11

Date Collected: 08/11/15 11:40 Date Received: 08/12/15 09:46 Lab Sample ID: 680-115487-25

Matrix: Water

-	General Chemistry									
	Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Total Dissolved Solids	340		10	10	mg/L		Development discussed discussed and development of the development of	08/12/15 16:59	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJLP-081115-11 Lab Sample ID: 680-115487-26

Date Collected: 08/11/15 14:25 Date Received: 08/12/15 09:46 Matrix Water

Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	330	\$4-1004000000000000000000000000000000000	10	10	mg/L	*****		08/12/15 16:59	1

TestAmerica Savannah